## **Product Datasheet**

### IL-12 R beta 1 Recombinant Protein Antigen NBP2-57287PEP

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at: www.novusbio.com/NBP2-57287PEP

Updated 10/23/2024 v.20.1

# Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications Submit a review at www.novusbio.com/reviews/destination/NBP2-57287PEP



#### NBP2-57287PEP

IL-12 R beta 1 Recombinant Protein Antigen

Product Information       Unit Size       100 ul         Concentration       Please see the vial label for concentration. If unlisted please contact technical services.         Storage       Store at -20C. Avoid freeze-thaw cycles.         Preservative       No Preservative         Purity       >80% by SDS-PAGE and Coomassie blue staining         Buffer       PBS and 1M Urea, pH 7.4.         Target Molecular Weight       28 kDa         Product Description       Accombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-12 R beta 1.         Source: E. coli       Amino Acid Sequence: TSECFODPPYPDPDBOSGSAGPRDLRCYRISSDRYECSWQYEGPTAGVSHFL RCCLSSGRCCYFAAGSATRLQFSDQAGVSVLYTVTLWVES         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)       This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial upport if you have any questions.         Gene ID       3594         Gene symbol       L12RB1         Species       Human         Product Application Details       Antibody Competition Recenses         Application Notes       This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-57287.         It is purified by IMAC chromatography, and the expected concentrat		
Concentration       Please see the vial label for concentration. If unlisted please contact technical services.         Storage       Store at -20C. Avoid freeze-thaw cycles.         Preservative       No Preservative         Purity       >80% by SDS-PAGE and Coomassie blue staining         Buffer       PBS and 1M Urea, pH 7.4.         Target Molecular Weight       28 kDa         Product Description       A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-12 R beta 1.         Source: E. coli       Amino Acid Sequence: TSECCFQDPPYPDADSGSASGPRDLRCYRISSDRYECSWQYEGPTAGVSHFL RCCLSSGRCCYFAAGSATRLOFSDQAGVSVLYTVTLWVES         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)       This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3594         Gene Symbol       IL12RB1         Species       Human         Product Application Details       Antibody Competition 10 - 100 molar excess         Applications       Antibody Competition 10 - 100 molar excess         Application Notes       This purfied by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.         For current lot information, including avaialability, p	Product Information	
Services.         Storage       Store at -20C. Avoid freeze-thaw cycles.         Preservative       No Preservative         Purity       >80% by SDS-PAGE and Coomassie blue staining         Buffer       PBS and 1M Urea, pH 7.4.         Target Molecular Weight       28 kDa         Product Description       A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-12 R beta 1.         Source: E. coli       Amino Acid Sequence: TSECCFODPPYPDADSGSASGPRDLRCYRISSDRYECSWQYEGPTAGVSHFL RCCLSSGRCCYFAGSATRLDFSDDAGVSVLYTVTLWVES         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)       This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3594         Gene symbol       Ll12RB1         Species       Human         Product Application Details       Antibody Competition 10 - 100 molar excess         Application Notes       This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-57287.         It is purfied by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.       For current lot information, including availability, please contact our technical support t	Unit Size	100 ul
Preservative         No Preservative           Purity         >80% by SDS-PAGE and Coomassie blue staining           Buffer         PSS and 1M Urea, pH 7.4.           Target Molecular Weight         28 kDa           Product Description         A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-12 R beta 1.           Source: E. coli         Amino Acid Sequence: TSECCFQDPPYPDADSGSASGPRDLRCYRISSDRYECSWQYEGPTAGVSHFL RCCLSSGRCCYFAAGSATRLQFSDQAGVSVLYTVTLWVES           Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)         This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.           Gene ID         3594           Gene Symbol         IL12RB1           Species         Human           Product Application Details         Antibody Competition 10 - 100 molar excess           Applications         Antibody Competition 10 - 100 molar excess           Application Notes         This proflict by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.	Concentration	•
Purity       >80% by SDS-PAGE and Coomassie blue staining         Buffer       PBS and 1M Urea, pH 7.4.         Target Molecular Weight       28 kDa         Product Description       A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-12 R beta 1.         Source: E. coli       Amino Acid Sequence: TSECCFOOPPYPADADSGSASGPRDLRCYRISSDRYECSWQYEGPTAGVSHFL RCCLSSGRCYFAAGSATRLQFSDQAGVSVLYTVTLWVES         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)       This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3594         Gene Symbol       IL12RB1         Species       Human         Product Application Details       Antibody Competition 10 - 100 molar excess         Applications       Antibody Competition 10 - 100 molar excess         Application Notes       This profiled by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.         For current lot information, including availability, please contact our technical support team click <u>nb-technical @bio-techne.com</u> .	Storage	Store at -20C. Avoid freeze-thaw cycles.
Buffer       PBS and 1M Urea, pH 7.4.         Target Molecular Weight       28 kDa         Product Description       A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-12 R beta 1.         Source: E. coli       Amino Acid Sequence: TSECCFQDPPYPDDSGSASGPRDLRCYRISSDRYECSWQYEGPTAGVSHFL RCCLSSGRCCYFAAGSATRLQFSDQAGVSVLYTVTLWVES         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)       This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3594         Gene Symbol       IL12RB1         Species       Human         Product Application Details       Antibody Competition 10 - 100 molar excess         Application Notes       This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-57287.         It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.         For current lot information, including availability, please contact our technical support team click nb-technical (2 bio-technic.com.	Preservative	No Preservative
Target Molecular Weight       28 kDa         Product Description       A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-12 R beta 1.         Source: E. coli       Amino Acid Sequence: TSECCFQDPPYPDADSGSASGPRDLRCYRISSDRYECSWQYEGPTAGVSHFL RCCLSSGRCCYFAAGSATRLQFSDQAGVSVLYTVTLWVES         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)       This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3594         Gene Symbol       L12RB1         Species       Human         Product Application Details       Antibody Competition 10 - 100 molar excess         Application Notes       This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-57287.         It is purfied by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.       For current lot information, including availability, please contact our technical support team click nb-technical@bio-technic.com	Purity	>80% by SDS-PAGE and Coomassie blue staining
Product Description         Pescription         A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-12 R beta 1.         Source: E. coli         Amino Acid Sequence:         TSECCFQDPPYPDADSGSASGPRDLRCYRISSDRYECSWQYEGPTAGVSHFL RCCLSSGRCCYFAAGSATRLQFSDQAGVSVLYTVTLWVES         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)         This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3594         Gene Symbol       IL12RB1         Species       Human         Product Application Details       Antibody Competition Notes         Application Notes       Antibody Competition 10 - 100 molar excess         Application Notes       This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-57287.         It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.         For current lot information, including availability, please contact our technical support team click <u>nb-technical@bio-techne.com</u> .	Buffer	PBS and 1M Urea, pH 7.4.
Description       A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-12 R beta 1.         Source: E. coli       Amino Acid Sequence:         TSECCFQDPPYPDADSGSASGPRDLRCYRISSDRYECSWQYEGPTAGVSHFL RCCLSSGRCCYFAAGSATRLQFSDQAGVSVLYTVTLWVES         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)         This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3594         Gene Symbol       IL12RB1         Species       Human         Product Application Details         Applications       Antibody Competition 10 - 100 molar excess         Application Notes       This procompart in antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-57287.         It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.         For current lot information, including availability, please contact our technical support technical@bio-techne.com.	Target Molecular Weight	28 kDa
human IL-12 R beta 1.         Source: E. coli         Amino Acid Sequence:         TSECCF0DPPYDDADSGSASGPRDLRCYRISSDRYECSWQYEGPTAGVSHFL         RCCLSSGRCCYFAAGSATRLQFSDQAGVSVLYTVTLWVES         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)         This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3594         Gene Symbol       IL12RB1         Species       Human         Product Application Details       Antibody Competition Recommended Dilutions         Antibody Competition 10 - 100 molar excess       Application sequence this product for be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-57287.         It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.         For current lot information, including availability, please contact our technical support team click nb-technical@bio-techne.com.	Product Description	
Gene SymbolIL12RB1SpeciesHumanProduct Application DetailsAntibody CompetitionApplicationsAntibody Competition 10 - 100 molar excessApplication NotesThis recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-57287.It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical support team click nb-technical@bio-techne.com	-	<ul> <li>human IL-12 R beta 1.</li> <li>Source: <i>E. coli</i></li> <li>Amino Acid Sequence: TSECCFQDPPYPDADSGSASGPRDLRCYRISSDRYECSWQYEGPTAGVSHFL RCCLSSGRCCYFAAGSATRLQFSDQAGVSVLYTVTLWVES</li> <li>Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)</li> <li>This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly</li> </ul>
SpeciesHumanProduct Application DetailsApplicationsAntibody CompetitionRecommended DilutionsAntibody Competition 10 - 100 molar excessApplication NotesThis recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-57287.It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical support team click nb-technical@bio-techne.com	Gene ID	3594
Product Application DetailsApplicationsAntibody CompetitionRecommended DilutionsAntibody Competition 10 - 100 molar excessApplication NotesThis recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-57287.It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical @ bio-techne.com	Gene Symbol	IL12RB1
ApplicationsAntibody CompetitionRecommended DilutionsAntibody Competition 10 - 100 molar excessApplication NotesThis recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-57287.It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical support team click nb-technical@bio-techne.com	Species	Human
Recommended DilutionsAntibody Competition 10 - 100 molar excessApplication NotesThis recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-57287.It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical support team click nb-technical@bio-techne.com	Product Application Details	
Application NotesThis recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-57287.It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical support team click <a href="mailto:nb-technical@bio-techne.com">nb-technical@bio-techne.com</a>	Applications	Antibody Competition
confirm antibody specificity with the corresponding antibody, catalog number NBP2-57287. It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml. For current lot information, including availability, please contact our technical support team click <u>nb-technical@bio-techne.com</u>	<b>Recommended Dilutions</b>	Antibody Competition 10 - 100 molar excess
	Application Notes	<ul> <li>confirm antibody specificity with the corresponding antibody, catalog number NBP2-57287.</li> <li>It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.</li> <li>For current lot information, including availability, please contact our technical support team click <u>nb-technical@bio-techne.com</u>.</li> </ul>





#### Novus Biologicals USA

10730 E. Briarwood Avenue Centennial, CO 80112 USA Phone: 303.730.1950 Toll Free: 1.888.506.6887 Fax: 303.730.1966 nb-customerservice@bio-techne.com

#### **Bio-Techne Canada**

21 Canmotor Ave Toronto, ON M8Z 4E6 Canada Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402 canada.inquires@bio-techne.com

#### **Bio-Techne Ltd**

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom Phone: (44) (0) 1235 529449 Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

#### **General Contact Information**

www.novusbio.com Technical Support: nb-technical@biotechne.com Orders: nb-customerservice@bio-techne.com General: novus@novusbio.com

#### Products Related to NBP2-57287PEP

NBP2-51952-0.05mg	Recombinant Human IL-12 R beta 1 His Protein
210-TA-005	TNF-alpha [Unconjugated]
AF839	IL-12 R beta 1 Antibody [Unconjugated]
6507-IL-010/CF	IL-4 [Unconjugated]

#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-57287PEP

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications

www.novusbio.com

