

Product Datasheet

Recombinant Protein A Cys (C-Term) Protein NBP2-35001

Unit Size: 10 mg

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 1

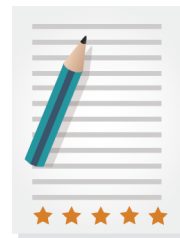
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-35001

Updated 1/25/2025 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/NBP2-35001



NBP2-35001

Recombinant Protein A Cys (C-Term) Protein

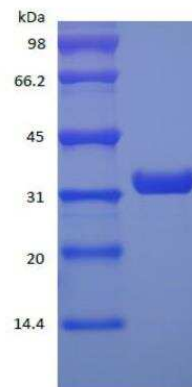
Product Information	
Unit Size	10 mg
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with distilled water or saline.
Purity	> 98 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from additive free solution.
Target Molecular Weight	33.5 kDa

Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 297 amino acids corresponding to Protein A with a Cys on the C-terminus Source: <i>E. coli</i></p> <p>Uniprot ID: P02976</p> <p>Amino Acid Sequence: NAAQHDEAQQ NAFYQVLNMP NLNADQRNGF IQSLKDDPSQ SANVLGEAQK LNDSQAPKAD AQQNNFNKDQ QSAFYEILNM PNLNEAQRNG FIQSLKDDPS QSTNVLGEAK KLNESQAPKA DNNFNKEQQN AFYEILNMPN LNEEQRNGFI QSLKDDPSQS ANLLSEAKKL NESQAPKADN KFNKEQQNAF YEILHLPNLN EEQRNGFIQS LKDDPSQSAN LLAEAKKLND AQAPKADNKF NKEQQNAFYE ILHLPNLTEE QRNGFIQSLK DDPSVSKLIL AEAKKLNDQA APKEEDC</p>
Gene ID	3919448
Gene Symbol	SAOUHSC_00069
Specificity/Sensitivity	Protein A binds to various human, mouse and rat IgG subclasses (e.g., human IgG1, IgG2, IgG4; mouse IgG2a, IgG2b, IgG3; rat IgG2c). It also binds to total IgG from rabbit, guinea pig, pig, dog and cat.
Details of Functionality	Protein A is a genetically engineered protein containing 5 IgG-binding regions of protein A. Cell wall binding region, cell membrane binding region and albumin binding region have been removed from the recombinant Protein A to ensure the maximum specific IgG binding. The recombinant Protein A is ideal for purification of polyclonal or monoclonal IgG antibodies. Protein A binds to various human, mouse and rat IgG subclasses (e.g., human IgG1, IgG2, IgG4; mouse IgG2a, IgG2b, IgG3; rat IgG2c). It also binds to
Endotoxin Note	Less than 0.1 EU/ug of Protein A as determined by LAL method.

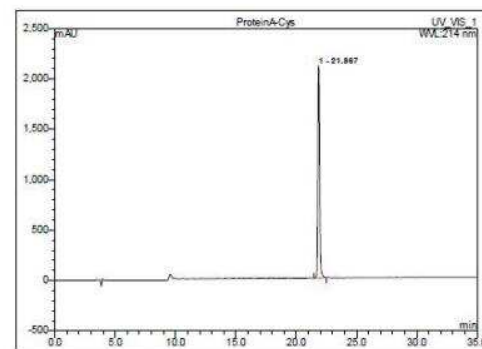
Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Images

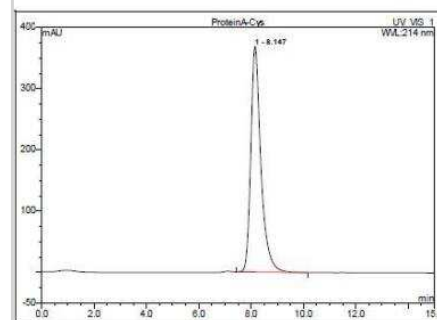
SDS-Page: Protein A Cys (C-Term) Protein [NBP2-35001]



HPLC: Recombinant Protein A Protein [NBP2-35001] - Protein A Cys (C-Term) Protein [NBP2-35001]

RP-HPLC

HPLC: Recombinant Protein A Protein [NBP2-35001] - Protein A Cys (C-Term) Protein [NBP2-35001]

SEC-HPLC**Publications**

Brown M, Hall A, Zahn H et al. Bacteriophage-Based Detection of Staphylococcus aureus in Human Serum Viruses 2022-08-10 [PMID: 36016370] (BA)



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@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-35001

NBP2-35014	Recombinant Protein A His (C-Term) Cys (C-Term) Protein
MAB99761-100	Protein A Antibody (946418) [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/NBP2-35001

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

