

# Product Datasheet

## Collagen I alpha 1 Recombinant Protein Antigen NBP3-21230PEP

Unit Size: 100 ul

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

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**NBP3-21230PEP**

## Collagen I alpha 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	27 kDa
Product Description	
Description	<p>A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human Collagen I alpha 1</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b>  DRDVWKPEPCRICVCDNGKVLCDVICDETKNCPGAEVPEGECCPVC PDGSE  SPTDQETTGVGPKGDTGPRGPRGPAGPPGRDGIPGQPGLPGP</p> <p><b>Fusion Tag:</b> N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)</p> <p><b>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.</b></p>
Gene ID	1277
Gene Symbol	COL1A1
Species	Human
Product Application Details	
Applications	Antibody Competition
Recommended Dilutions	Antibody Competition 10-100 molar excess
Application Notes	<p>This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP3-21230. 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>. For further blocking peptide related information and a protocol, click <a href="#">here</a>.</p>



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### **Products Related to NBP3-21230PEP**

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NBP1-77458PEP	Collagen I alpha 1 Antibody Blocking Peptide
7754-BH-005/CF	TGF-beta 1 [Unconjugated]
NBP1-30054	Collagen I alpha 1 Antibody - Azide and BSA Free
M6000B-1	IL-6 [HRP]

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### **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.

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