

# Product Datasheet

## Recombinant Protein A His (C-Term) Cys (C-Term) Protein NBP2-35014

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](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-35014](http://www.novusbio.com/NBP2-35014)

Updated 1/25/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-35014](http://www.novusbio.com/reviews/destination/NBP2-35014)



**NBP2-35014**

## Recombinant Protein A His (C-Term) Cys (C-Term) Protein

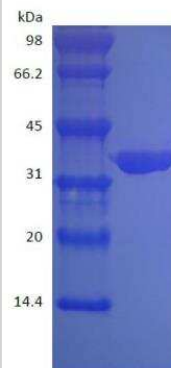
Product Information	
Unit Size	10 mg
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with distilled water or saline.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from additive free solution.
Target Molecular Weight	34.8 kDa

Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 307 amino acids corresponding to Protein A with a 6x His-tag and Cys on the C-terminus <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> P02976</p> <p><b>Amino Acid Sequence:</b> MNAAQHDEAQ QNAFYQVLNM PNLNADQRNG FIQSLKDDPS QSANVLGEAQ KLNDSQAPKA DAQQNNFNKD QQSAFYEILN MPNLNEAQRN GFIQSLKDDP SQSTNVLGEA KKLNESQAPK ADNNFNKEQQ NAFYEILNMP NLNEEQRNGF IQSLKDDPSQ SANLLSEAKK LNESQAPKAD NKFNKEQQNA FYEILHLPNL NEEQRNGFIQ SLKDDPSQSA NLLAEAKKLN DAQAPKADNK FNKEQQNAFY EILHLPNLTE EQRNGFIQSL KDDPSVSKEI LAEAKKLNDA QAPKEEDSLE HHHHHHC</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.

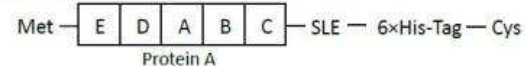
Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

**Images**

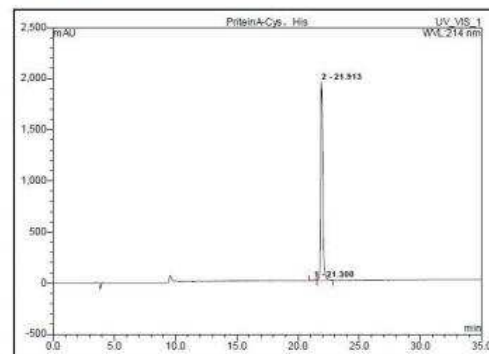
SDS-Page: Protein A Cys (C-Term) His (C-Term) Protein [NBP2-35014]



Protein A Cys (C-Term) His (C-Term) Protein [NBP2-35014]

**Schematic Diagram:**

HPLC: Recombinant Protein A Protein [NBP2-35014] - Protein A Cys (C-Term) His (C-Term) Protein [NBP2-35014]

**RP-HPLC**



### **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 NBP2-35014**

---

NBP2-35001	Recombinant Protein A 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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-35014](http://www.novusbio.com/reviews/submit/NBP2-35014)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

