

Product Datasheet

Recombinant Protein A/G Protein NBP2-34862

Unit Size: 1 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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-34862

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/NBP2-34862



NBP2-34862

Recombinant Protein A/G Protein

Product Information	
Unit Size	1 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	Dissolve in distilled water or saline.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from additive free solution.
Target Molecular Weight	47.8 kDa

Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 430 amino acids corresponding to Protein A/G Source: <i>E. coli</i></p> <p>Amino Acid Sequence: CNAAQHDEAQ 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 GSGSGTYKLI LNGKTLKGET TTEAVDAATA EKVFKQYAND NGVDGEWTYD DATKTFTVTE KPEVIDASEL TPAVTTYKL VINGKTLKGET TTKAVDAETA EKAFKQYAND NGVDGVWTYD DATKTFTVTE</p>
Specificity/Sensitivity	Recombinant Protein A/G binds to various human, mouse and rat IgG subclasses (e.g. human IgG1, IgG2, IgG3, IgG4; mouse IgG2a, IgG2b, IgG3; rat IgG2a, IgG2c) and to total IgG from cow, goat, sheep, house, rabbit, guinea pig, pig, dog and cat.
Details of Functionality	Protein A/G is a genetically engineered protein containing 5 IgG-binding regions of protein A and 2 of protein G. Cell wall binding region, cell membrane binding region and albumin binding region have been removed from the Protein A/G to ensure the maximum specific IgG binding. Protein A/G is ideal for purification of polyclonal or monoclonal IgG antibodies. It binds to various human, mouse and rat IgG subclasses and to total IgG from cow, goat, sheep, house, rabbit, guinea pig, pig, dog and cat.
Endotoxin Note	Less than 0.1 EU/ug of Protein A/G as determined by LAL method.

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





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 NBP2-34862

NBP2-34999	Recombinant Protein A/G Cys (C-Term) Protein
------------	--

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/NBP2-34862

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

