

Product Datasheet

Recombinant Protein A Protein NBP2-34964

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.

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NBP2-34964

Recombinant Protein A Protein

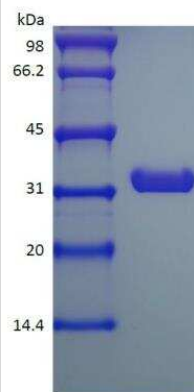
Product Information	
Unit Size	10 mg
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Dissolve in distilled water or saline.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from additive free solution.
Target Molecular Weight	33.4 kDa

Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 296 amino acids corresponding to Protein A 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 DDPSVSKIEL AEAKKLNDQA APKEED</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. It also binds to total IgG from rabbit, guinea pig, pig, dog and cat.
Endotoxin Note	Less than 0.1 EU/ug of Protein A as determined by LAL method.

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

Images

SDS-Page: Protein A Protein [NBP2-34964]





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Products Related to NBP2-34964

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.

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