

Product Datasheet

Recombinant Protein A Long Form Protein NBP2-34966

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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Updated 1/25/2025 v.20.1

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NBP2-34966

Recombinant Protein A Long Form 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	46.6 kDa

Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 422 amino acids corresponding to Protein A Source: <i>E. coli</i></p> <p>Uniprot ID: E5R5N7</p> <p>Amino Acid Sequence: AQHDEAQQNA FYQVLNMPNL NADQRNGFIQ SLKDDPSQSA NVLGEAQKLN DSQAPKADAQ QNNFNKDQQS AFYEILNMPN LNEAQRNGFI QSLKDDPSQS TNVLGEAKKL NESQAPKADN NFNKEQQNAF YEILNMPNLN EEQRNGFIQS LKDDPSQSAN LLSEAKKLINE SQAPKADNKF NKEQQNAFYE ILHLPNLNEE QRNGFIQSLK DDPSQSANLL AEAKKLNDAA APKADNKFNK EQQNAFYEIL HLPNLTEEQR NGFIQSLKDD PSVSKEILAE AKKLNDAAQAP KEEDNKKPGK EDGNKPGKED GNKPGKEDNK KPGKEDGNKP GKEDNNKPGK EDGNKPGKED NNKPGKEDGN KPGKEDGNKP GKEDGNGVHV VKPGDTVNDI AKANGTTADK IAADNKLADK NMIKPGQELV VD</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. 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 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
Recommended Dilutions	SDS-Page, Bioactivity



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Products Related to NBP2-34966

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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