

Product Datasheet

Recombinant Protein G Protein NBP2-35022-10mg

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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NBP2-35022-10mg

Recombinant Protein G 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.
Reconstitution Instructions	Reconstitute with distilled water or saline.
Purity	>96%, by HPLC
Buffer	Lyophilized from solution of 20mM PB (pH 7.0)
Target Molecular Weight	21.8 kDa

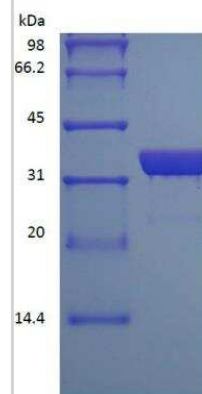
Product Description	
Description	<p>A single, non-glycosylated biologically active polypeptide chain corresponding to 200 residues of Protein G protein. It will migrate with an apparent molecular mass of 32 kDa in SDS-PAGE.</p> <p>Source: <i>E. coli</i></p> <p>Amino Acid Sequence: LPKTDITYKLI LNGKTLKGET TTEAVDAATA EKVFKQYAND NGVDGEWTYD DATKTFTVTE KPEVIDASEL TPAVTTYKLV INGKTLKGET TTEAVDAATA EKVFKQYAND NGVDGEWTYD DATKTFTVTE KPEVIDASEL TPAVTTYKLV INGKTLKGET TTKAVDAETA EKAFKQYAND NGVDGVWTYD DATKTFTVTE</p>
Details of Functionality	Protein G is a genetically engineered protein containing 3 IgG-binding regions of protein G. Cell wall binding region, cell membrane binding region and albumin binding region have been removed from the recombinant Protein G to ensure the maximum specific IgG binding. The recombinant Protein G is ideal for purification of polyclonal or monoclonal IgG antibodies. Protein G binds to various human, mouse and rat IgG subclasses (e.g., human IgG1, IgG2, IgG3, IgG4; mouse IgG2a, IgG2b, IgG3; rat IgG2a, IgG2c). It
Endotoxin Note	Less than 0.1 EU/ug of endotoxin as determined by LAL method.

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

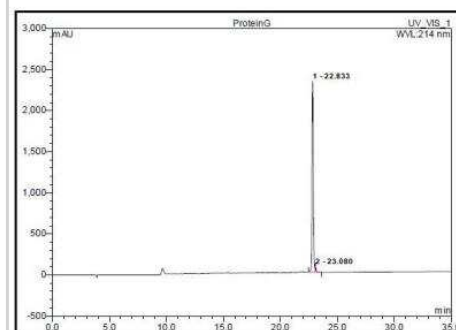


Images

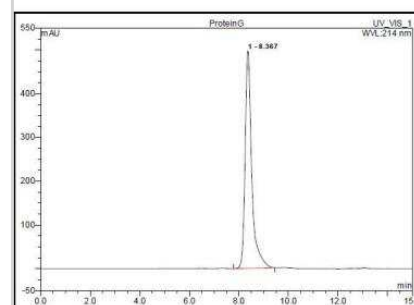
SDS-Page: Protein G Protein [NBP2-35022]



HPLC: Recombinant Protein G Protein [NBP2-35022] - Protein G Protein [NBP2-35022]

RP-HPLC

HPLC: Recombinant Protein G Protein [NBP2-35022] - Protein G Protein [NBP2-35022]

SEC-HPLC



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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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