

Product Datasheet

Recombinant Human Serpin I1/Neuroserpin Protein NBP2-35075-5ug

Unit Size: 5ug

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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NBP2-35075-5ug

Recombinant Human Serpin I1/Neuroserpin Protein

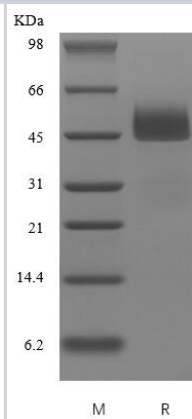
Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	44.7 kDa

Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 394 amino acid residues corresponding to Serpin I1/Neuroserpin Source: <i>E. coli</i></p> <p>Uniprot ID: Q99574</p> <p>Amino Acid Sequence: TGATFP EEAI ADLSVNMYNR LRATGEDENI LFSPLSIALA MGMMELGAQG STQKEIRHSM GYDSLKNGEE FSFLKEFSNM VTAKESQYVM KIANSLFVQN GFHVNEEFLLQ MMKKYFNAAV NHVDFSQNVA VANYINKWVE NNTNNLVKDL VSPRDFDAAT YLALINAVYF KGNWKSQFRP ENTRTFSFTK DDESEVQIPM MYQQGEFYFG EFS DGSNEAG GIYQVLEIPY EGDEISMMLV LSRQEVPLAT LEPLVKAQLV EEWANSVKKQ KVEVYLPRFT VEQEIDLKDV LKALGITEIF IKDANLTGLS DNKEIFLSKA IHKSFLEVNE EGSEAAAVSG MIAISRMAVL YPQVIVDHPF FFLIRNRRTG TILFMGRVMH PETMNTSGHD FEEL</p>
Gene ID	5274
Gene Symbol	SERPINI1
Species	Human
Details of Functionality	Neuroserpin Protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using rat C6 cells is less than 0.5 ug/ml, corresponding to a specific activity of > 2000 IU/mg.
Endotoxin Note	Less than 1 EU/ug of Serpin I1/Neuroserpin as determined by LAL method.

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

Images

SDS-Page: Recombinant Human Serpin I1/Neuroserpin Protein [NBP2-35075]





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Products Related to NBP2-35075-5ug

NBP1-82587PEP	Serpin I1/Neuroserpin Recombinant Protein Antigen
NBP1-19773	Serpin E1/PAI-1 Antibody - BSA Free
NB100-1529	Serpin I1/Neuroserpin Antibody
NB100-56681	Nogo Antibody

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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