

Product Datasheet

Recombinant Rat PDGF-AA Protein NBP2-35281-2ug

Unit Size: 2ug

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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NBP2-35281-2ug

Recombinant Rat PDGF-AA Protein

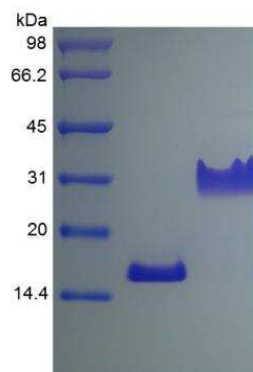
Product Information	
Unit Size	2ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in 4mM HCl to a concentration of 0.1-1.0mg/mL.
Purity	> 98 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 30 % Acetonitrile and 0.1 % TFA.
Target Molecular Weight	25.3 kDa

Product Description	
Description	A disulfide-linked homodimeric protein containing two 111 amino acid polypeptide (A chain) chains corresponding to PDGF-AA Source: <i>E. coli</i> Uniprot ID: P28576 Amino Acid Sequence: MSIEEAIPAV CKTRTVIYEI PRSQVDPTSA NFLIWPPCVE VKRCTGCCNT SSVKQCPSRV HHRSVKVAKV EYVRKKPKLK EVQVRLEEHL ECACATSNLN PDHREEETDV R
Gene ID	5154
Gene Symbol	PDGFA
Species	Rat
Details of Functionality	PDGF-AA Protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine Balb/c 3T3 cells is less than 5.0 ng/ml, corresponding to a specific activity of > 2.0 x 10 ⁵ IU/mg.
Endotoxin Note	Less than 0.1 EU/ug of PDGF-AA as determined by LAL method.

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

Images

SDS-Page: Rat PDGF-AA Protein [NBP2-35281]





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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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