

# Product Datasheet

## Recombinant Human PDGF-AA Protein NBP3-07102-10ug

Unit Size: 10 ug

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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**NBP3-07102-10ug**

## Recombinant Human PDGF-AA Protein

Product Information	
Unit Size	10 ug
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	Briefly centrifuge vial prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to 0.1-1.0 mg/mL.
Purity	>95%, by SDS-PAGE
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 20 mM PB, 300 mM NaCl, pH 6.0.
Target Molecular Weight	28.8 kDa

Product Description	
Description	A disulfide-linked homodimeric protein containing two 126 amino acid polypeptide chains corresponding to PDGF-AA. However it migrates with an apparent molecular mass of 336 kDa in SDS-PAGE <b>Source:</b> <i>E. coli</i>  <b>Amino Acid Sequence:</b> <i>MSIEEAVPAV CKTRTVIYEI PRSQVDPTSA NFLIWPPCVE VKRCTGCCNT SSVKCQPSRV HHRSVKVAKV EYVRKKPKLK EVQVRLEEHL ECACATSLN PDYREEDTGR PRESGKKRKR KRLKPT</i>
Gene ID	5154
Gene Symbol	PDGFA
Species	Human
Details of Functionality	Biological activity measured in a cell proliferation assay using NR6R-3T3 mouse fibroblast cells. The ED50 for tis effect is 50-200 ng/mL in a fluorometric assay using a redox sensitive dye.
Endotoxin Note	Less than 0.1 EU/ug of PDGF-AA as determined by LAL method.

Product Application Details	
Applications	Bioactivity
Recommended Dilutions	Bioactivity



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### **Products Related to NBP3-07102-10ug**

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NBP2-35281-100ug	Recombinant Rat PDGF-AA Protein
236-EG-200	EGF [Unconjugated]
221-AA-010	PDGF-AA [Unconjugated]
210-TA-005	TNF-alpha [Unconjugated]

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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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