

Recombinant Human PDGFD protein, His-tagged

Cat. No. PDGFD-3231H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDGFD protein(19-265 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	19-265 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	RDTSATPQSASIKALRNANLRRDDLRYRDETIQVKNGYVQSPRFPNSYPRNLLLT WRLHSQENTRIQLVFDNQFGLLEEAENDICRYDFVEVEDISETSTIIRGRWCGHKEVP PRIKSRTNQIKITFKSDDYFVAKPGFKIYYSLLLEDFQPAAASETNWESVTSSISGVSYN SPSVTDPTLIADALDKKIAEFDTVEDLLKYFNPESWQEDLENMYLDTPRYRGRSYHD RKSKVDLDRLNDDAKRYS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

Gene Name	PDGFD platelet derived growth factor D [Homo sapiens]
Official Symbol	PDGFD
Synonyms	PDGFD; platelet derived growth factor D; platelet-derived growth factor D; IEGF; MSTP036; SCDGF B; spinal cord derived growth factor B; PDGF-D; iris-expressed growth factor; spinal cord-derived growth factor B; spinal cord-derived growth factor-B; SCDGFB; SCDGF-B; MGC26867;
Gene ID	80310
mRNA Refseq	NM_025208
Protein Refseq	NP_079484
MIM	609673
UniProt ID	Q9GZP0

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