

Active GMP Recombinant Human PDGFA protein, Fc-tagged

Cat. No. PDGFA-257HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human PDGFA protein(NP_002598.4)(358 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human PDGF-AA(NP_002598.4) was expressed with Fc tag at the C-terminal.
Bio-activity	ED50 is determined by stimulating the absorption of adenosine by BALB/C 3T3 cells in a dose-dependent manner, and its value is ≤ 2 ng/ml
Molecular Mass	Recombinant Human PDGFA contains 358 aa. It has a predicted MW of 41.2 kDa.
Endotoxin	≤ 0.1 EU/ug
Purity	$\geq 95\%$ by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	PDGFA platelet-derived growth factor alpha polypeptide [Homo sapiens]
Official Symbol	PDGFA
Synonyms	PDGFA; platelet-derived growth factor alpha polypeptide; platelet-derived growth factor subunit A; PDGF A chain; PDGF A; PDGF1; platelet derived growth factor alpha chain; PDGF-1; PDGF A-chain; PDGF subunit A; platelet-derived growth factor A chain; platelet-derived growth factor alpha chain; platelet-derived growth factor alpha isoform 2 preproprotein; PDGF-A
Gene ID	5154
mRNA Refseq	NM_002607
Protein Refseq	NP_002598
MIM	173430
UniProt ID	P04085

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