

## Recombinant Human platelet-derived growth factor beta polypeptide Protein, Tag Free

Cat. No. PDGFB-223H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human PDGF-B protein (P01127-1) (Ser 82-Thr 190) without tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	82-190aa
<b>Description</b>	<p>Platelet-derived growth factor subunit B is a protein that in humans is encoded by the PDGFB gene. The protein encoded by this gene is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a motif of eight cysteines. This gene product can exist either as a homodimer (PDGF-BB) or as a heterodimer with the platelet-derived growth factor alpha (PDGFA) polypeptide (PDGF-AB), where the dimers are connected by disulfide bonds.</p>
<b>Tag</b>	Non
<b>Molecular Mass</b>	12.7 kDa
<b>Endotoxin</b>	Less than 1.0 EU/μg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

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<b>Storage</b>	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.
<b>Reconstitution</b>	Reconstitute at 250 µg/mL in sterile water.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	PDGFB platelet-derived growth factor beta polypeptide [ Homo sapiens (human) ]
<b>Official Symbol</b>	PDGFB
<b>Synonyms</b>	PDGFB; platelet-derived growth factor beta polypeptide; platelet derived growth factor beta polypeptide (simian sarcoma viral (v sis) oncogene homolog), SIS; platelet-derived growth factor subunit B; becaptermin; oncogene SIS; SSV; PDGF-2; PDGF, B chain; PDGF subunit B; proto-oncogene c-Sis; platelet-derived growth factor 2; platelet-derived growth factor B chain; platelet-derived growth factor, B chain; Platelet-derived growth factor, beta polypeptide (oncogene SIS); platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog); SIS; PDGF2; c-sis; FLJ12858;
<b>Gene ID</b>	5155
<b>mRNA Refseq</b>	NM_002608
<b>Protein Refseq</b>	NP_002599
<b>MIM</b>	190040

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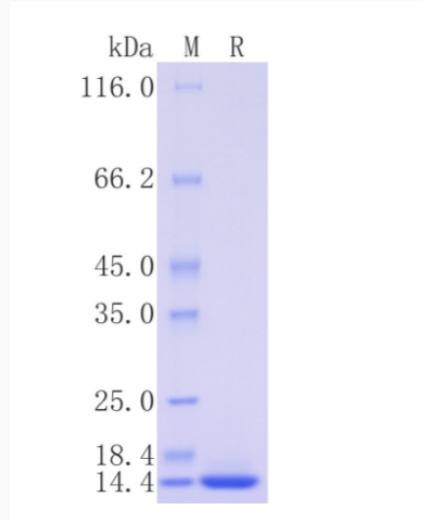
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UniProt ID

P01127

Protein on SDS-PAGE under reducing (R) condition.



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