

## Active Recombinant Human PDGFB protein

Cat. No. PDGFB-745H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human PDGFB protein was expressed in Yeast.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>Form</b>	Sterile lyophilized powder, pH3.0, 100mM Glycine, 150mM NaCl buffer solution.
<b>Bio-activity</b>	Measured in a cell proliferation assay using Balb/c 3T3, the specific activity shall be not less than $1 \times 10^6$ IU/mg.
<b>Molecular Mass</b>	Approximately 24.5KD glycosylated protein.
<b>Endotoxin</b>	<1EU/ $\mu$ g, determined by the LAL method.
<b>Purity</b>	$\geq 97\%$ .
<b>Storage</b>	<p>Lyophilized samples are stable for 36 months from date of manufacture at -20°C to -70°C.</p> <p>Upon reconstitution, this cytokine can be stored under sterile conditions at 2- 8°C for one month or at -20°C to -70°C in a manual defrost freezer for three months without detectable loss of activity.</p> <p>Avoid repeated freeze-thaw cycles.</p>
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized rHuPDGF-BB in 0.2ml sterile water.

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## GENE INFORMATION

**Gene Name** PDGFB platelet-derived growth factor beta polypeptide [ Homo sapiens ]

**Official Symbol** PDGFB

**Synonyms** 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; becaplermin; 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;

**Gene ID** 5155

**mRNA Refseq** NM\_002608

**Protein Refseq** NP\_002599

**MIM** 190040

**UniProt ID** P01127

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