

Platelet Derived Growth Factor-BB Active Protein | PDGF BB active protein

Recombinant Human Platelet Derived Growth Factor-BB, Yeast

CATALOG # AAA38129	HOST Saccharomyces cerevisiae
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PRODUCT SYNONYMS

Platelet Derived Growth Factor-BB; Recombinant Human Platelet Derived Growth Factor-BB; Yeast; Glioma-derived growth factor; GDGF; Osteosarcoma-derived Growth Factor; ODGF; SIS; SSV; PDGF2; c-sis; FLJ12858; PDGF-BB; PDGF B-chain; Platelet-derived growth factor beta polypeptide; Becaplermin.; PDGF BB active protein

PRODUCT SPECIFICATIONS

Host	Saccharomyces cerevisiae
Purity/Purification	Greater than 98.0% as determined by SDS-PAGE.
Form/Format	The PDGF-BB was lyophilized from 0.2 um filtered solution in 20mM sodium phosphate in absence of any carrier protein.
Sequence	Thesequenc eofthefirs tfiveN-ter minalamino acidswasde terminedan dwasfoundt obeSer-Leu -Gly-Ser-L eu
Sequence Length	241
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Solubility	It is recommended to reconstitute the lyophilized Platelet-derived Growth Factor-BB in sterile 18M-cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The ED ₅₀ , as measured by its ability to stimulate proliferation of mouse 3T3 fibroblasts is typically 1 ng/ml, corresponding to a Specific Activity of 1,000,000IU/mg.
Preparation and Storage	Lyophilized Platelet-derived Growth Factor BB although stable at room temperature, should be stored desiccated below -18 degrees. Upon reconstitution PDGF BB should be stored at 4 degrees and for future use below -18 degrees. Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for PDGF BB active protein	Platelet-Derived Growth Factor BB Human Recombinant is a glycosylated homodimer produced in Saccharomyces cerevisiae, containing 2x109 amino acids and having a molecular mass of 32kDa. PDGF-BB is purified by proprietary chromatographic techniques.
Product Categories/Family for PDGF BB active protein	Cytokines and Growth Factors ; Growth Factors ; PDGF

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505681
NCBI GeneID	5155
NCBI Accession #	NP_002599.1
NCBI GenBank Nucleotide #	NM_002608.2
UniProt Accession #	P01127 ; P78431 ; Q15354 ; Q6FHE7 ; Q9UF23 ; G3XAG8

NCBI Official Full Name	platelet-derived growth factor subunit B isoform 1 preproprotein
NCBI Official Synonym Full Names	platelet-derived growth factor beta polypeptide
NCBI Official Symbol	PDGFB
NCBI Official Synonym Symbols	SIS; SSV; IBGC5; PDGF2; c-sis; PDGF-2
NCBI Protein Information	platelet-derived growth factor subunit B; PDGF subunit B; PDGF, B chain; becaplermin; platelet-derived growth factor 2; platelet-derived growth factor B chain; platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog); platelet-derived growth factor, beta polypeptide (oncogene SIS); proto-oncogene c-Sis
UniProt Protein Name	Platelet-derived growth factor subunit B
UniProt Gene Name	PDGFB
UniProt Synonym Gene Names	PDGF2; SIS; PDGF subunit B
UniProt Entry Name	PDGFB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/saccharomyces-cerevisiae-pdgf-bb-active-protein/platelet-derived-growth-factor-bb/38129>