

Platelet Derived Growth Factor-BB Human Recombinant, HEK

Item Number	rAP-2424
Synonyms	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.
Description	PDGF-BB Human Recombinant produced in HEK cells is a glycosylated homodimer, having a molecular weight of 25kDa due to glycosylation. The PDGF-BB is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P01127
Amino Acid Sequence	
Source	HEK.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized PDGF-BB although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution PDGF-BB should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	The PDGF-BB protein was lyophilized from 1mg/ml in Acetonitrile and TFA. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized PDGF-BB in sterile PBS containing 0.1% endotoxin-free recombinant HSA.
Biological Activity	Assay # 1: The biological activity was measured by its binding ability in a functional ELISA, the ED50 is typically 0.02-0.6 µg/ml. Assay # 2: The biological activity was determined by the dose-dependent stimulation of the proliferation of mouse 3T3 cells,
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**