

Platelet Derived Growth Factor-AA Human Recombinant, HEK

Item Number	rAP-2410
Synonyms	Glioma-derived growth factor, GDGF, Osteosarcoma-derived Growth Factor, ODGF, PDGF-AA, PDGF-1.
Description	PDGF-AA Human Recombinant produced in HEK cells is a glycosylated homodimer, having a molecular weight range of 35-45kDa due to glycosylation. The PDGF-AA is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P04085
Amino Acid Sequence	
Source	HEK.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized PDGF-AA although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution PDGF-AA 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-AA was lyophilized from 1mg/ml in 1xPBS. Greater than 95% as observed by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized PDGF-AA in sterile water not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The specific activity was determined by the dose-dependent stimulation of the proliferation of 3T3 cells and is typically 200-1000ng/ml.
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**