

Platelet Derived Growth Factor-D Human Recombinant

Item Number	rAP-2411
Synonyms	Platelet Derived Growth Factor D, Spinal Cord-Derived Growth Factor B, Iris-Expressed Growth Factor, SCDGF-B, IEGF, PDGF-D, MSTP036.
Description	PDGFD Human Recombinant produced in E. coli is a single polypeptide chain containing 146 amino acids (250-370) and having a molecular mass of 16.6 kDa. PDGFD is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9GZP0
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMSYHDR KSKVLDRLN DDAKRYSCTP RNYSVNIREE LKLANVVFFP RCLLVQRCGG NCGCGTVNWR SCTCNSGKTV KKYHEVLQFE PGHIKRRGRA KTMAL-VDIQL DHHERCDCIC SSRPPR.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The PDGFD solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
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 end users! This product is sold for **Research Use Only**