

Platelet-Derived Growth Factor Receptor, Alpha Human Recombinant

Item Number	rAP-2409
Synonyms	Platelet-derived growth factor receptor alpha polypeptide, PDGFR2, PDGF-R-alpha, CD140 antigen-like family member A, CD140a antigen, alpha-type platelet-derived growth factor receptor, RHEPDGFRA, rearranged-in-hypereosinophilia-platelet derived growth fac
Description	PDGFRA Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 522 amino acids (24-524) and having a molecular mass of 58.4 kDa. The PDGFRA is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P16234
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MQLSLPSILP NENEKVQLN SSFSLRCFGE SEVSWQYPMS EESSDVEIR NEENNSGLFV TVLEVSSASA AHTGLYTCYY NHTQTEENEL EGRHIYIYVP DPDVAFVPLG MTDYLVIVED DDSAIIPCRT TDPETPVT LH NSEGVVPASY DSRQGFNGTF TVGPYICEAT VKGKKFQTIP FNYYALKATS ELDLEMEALK TVYKSGETIV VTCAVFNNEV VDLQWTYPGE VKGKGITMLE EIKVPSIKLV YTLTVPEATV KDSGDYEC AA RQATREVKEM KKVTSISVEK GFIEIKPTFS QLEAVNLHEV KHFVVEVRAY PPPRISWLKN NLTLIENLTE ITTDVEKIQE IRYRSKCLKI RAKEEDSGHY TIVAQNEDAV KSYTFELLTQ
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 PDGFRA solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 20% glycerol. Greater than 85% 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 ender users! This product is sold for **Research Use Only**