

32-1665: PDGFRA Recombinant Protein

Alternative Name : 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

Description

Source : E.coli. 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. PDGFRA is a cell surface tyrosine kinase receptor for PDGF family members. PDGFRA binds to both A and B subunits of PDGF. It is known that PDGFRA is vital for kidney development since mice heterozygous for the receptor display defective kidney phenotypes.

Product Info

Amount : 5 µg
Purification : Greater than 85% as determined by SDS-PAGE.
Content : The PDGFRA solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 20% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SGLVPRGSH MQLSLPSILP NENEKVVQLN SSFSLRCFGE SEVSWQYPMS
EESSDVEIR NEENNSGLFV TVLEVSSASA AHTGLYTCYY NHTQTEENEL EGRHIYIYVP
DPDVAFVPLG MTDYLVIVED DDSAIIPCRT TDPETPVLH NSEGVVPASY DSRQGFNGTF
TVGPYICEAT VKGKKFQTIP FNVYALKATS ELDLEMEALK TVYKSGETIV VTCAVFNNEV
VDLQWTPYGE VKGKGITMLE EIKVPSIKLV YTLTPVPEATV KDSGDYECOA RQATREVKEM
KKVTISVHEK GFIEIKPTFS QLEAVNLHEV KHVVVEVRAY PPPRISWLKN NLTLIENLTE
ITTDVEKIQE IRYRSKLLI RAKEEDSGHY TIVAQNEDAV KSYTFELLTQ VPSSILDLDV
DHHGSTGGQT VRCTAEGTPL PDIEWMICKD IKKCNNETSW TILANNVSN IITEHSRDRS
TVEGRVTFK VEETIAVRCL AKNLLGAENR ELKLVAPTLR SE.

