

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 SSSLVPRGSH MQLSLPSILP NENEKVVQLN SSFSLRCFGE SEVSWQYPMS EEESSDVEIR
NEENNSGLFV TVLEVSSASA AHTGLYTCYY NHTQTEENEL EGRHIYIYVP DPDVAFVPLG MTDYLVIVED
DDSAIIPCRT TDPETPVLH NSEGVVPASY DSRQGFNGTF TVGPIYCEAT VKGKKFQTIP FNVYALKATS
ELDLEMEALK TVYKSGETIV VTCVFNNEV VDLQWTYPGE VKGKGITMLE EIKVPSIKLV YTLTVPEATV
KDSGDYECOA RQATREVKEM KKVTSVHEK GFIEIKPTFS QLEAVNLHEV KHVVVEVRAY PPPRISWLKN
NLTLIENLTE ITDVEKIQE IRYRSKLLI RAKEEDSGHY TIVAQNEDAV KSYTFELLTQ VPSSILDLDV
DHHGSTGGQT VRCTAEGTPL PDIEWMICKD IKKCNNETSW TILANNVSN I TEIHSRDRS TVEGRVTFAK
VEETIAVRCL AKNLLGAENR ELKLVAPTLR SE.