

PDGFRA Human

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.

Catalog #:CYPS-072

For research use only.

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

Source:E.coli.

Physical Appearance:Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MQLSLPSILP NENEKVVQLN
SSFSLRCFGE SEVSWQYPMS EEESDVEIR NEENNSGLFV TVLEVSSASA AHTGLYTCYY
NHTQTEENEL EGRHIYIYVP DPDVAFVPLG MTDYLVIVED DDSAIIPCRT TDPETPVTLH
NSEGVVPASY DSRQGFNGTF TVGPYICEAT VKGKKFQTIP FNVYALKATS ELDLEMEALK
TVYKSGETIV VT

Purity:Greater than 85% as determined by SDS-PAGE.

Formulation:

The PDGFRA solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 20% glycerol.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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.

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