

**PDGFRa, 24-524aa, Human, His tag, E.coli**

**Cat.NO.: TP03325**

3th Edition

**Synonyms:**Platelet-derived growth factor receptor alpha precursor, CD140A, PDGFR2, MGC74795, Rhe-PDGFRa

**Description:**PDGFRa, also known as platelet derived growth factor receptor alpha, is a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. This protein can bind to both A and B subunits of PDGF. It is particularly important for kidney development since mice heterozygous for the receptor exhibit defective kidney phenotypes.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl,1mM DTT

**Molecular Weight:**58.4 kDa (522aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMQLSLPSILPNENEKVVQLNSSFSLRCFGESEVSWQYPMSEEESSDVEIRNEENN  
SGLFVTVLEVSSASAAHTGLYTCYYNHTQTEENELEGRHIYIYVDPDPVAFVPLGMTDYLIVEDDDSAIIPCRTTDP  
ETPVTLHNSEGVVPASYDSRQGFNGTFTVGPYICEATVKGKKFQTIPFNVYALKATSELDLEMEALKTVYKSGETIV  
VTCAVFNNEVVDLQWTYPGEVKGKGITMLEEIKVPSIKLVYTLTVPEATVKDSGDYECARQATREVKEMKKVTISV  
HEKGFIEIKPTFSQLEAVNLHEVKHFVVEVRAVPPPRISWLKNNLTIENLTEITTDVEKIQEIRYRSKLLIRAKEEDS  
GHYTIVAQNEDAVKSYTFELLTQVPSSILDVDDHHGSTGGQTVRCTAEGTPLPDIEWMICKDIKKCNNETSWTILAN  
NVSNIITEIHSRDRSTVEGRVTFKVEETIAVRCLAKNLLGAENRELKLVAPTLRSE

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.