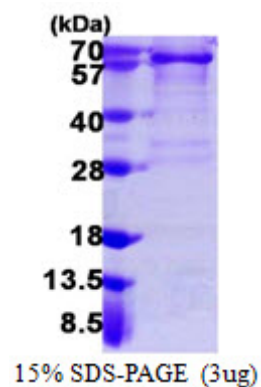


AR39093PU-N

Human CD140a / PDGFRA (24-524, His-tag) - Purified

Alternate names:	Alpha-type platelet-derived growth factor receptor, CD140 antigen-like family member A, PDGF Receptor alpha, PDGF-R-alpha
Quantity:	50 µg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	P16234
NCBI:	NP_006197
GeneID:	5156
Species:	Human
Source:	E. coli
Format:	State: Liquid purified Ig fraction Purity: >85% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Description:	Recombinant human PDGFRA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer. AA Sequence: MGSSHHHHH SSGLVPRGSH MQLSLPSILP NENEKVVQLN SSFSLRCFGE SEVSWQYPMS EEESSDVEIR NEENNSGLFV TVLEVSSASA AHTGLYTCYY NHTQTEENEL EGRHIYIYVP DPDVAFVPLG MTDYLVIVED DDSAIIPCRT TDPETPVLH NSEGVVPASY DSRQGFNGTF TVGPYICEAT VKGKKFQTIP FNVYALKATS ELDLEMEALK TVYKSGETIV VTCAVFNNEV VDLQWTYPGE VKGKGITMLE EIKVPSIKLV YTLTVPEATV KDSGDYECOA RQATREVKEM KKVTISVHEK GFIEIKPTFS QLEAVNLHEV KHFFVEVRAY PPRISWLKN NLTLIENLTE ITTDVEKIQE IRYRSKLKLI RAKEEDSGHY TIVAQNEDAV KSYTFELLTQ VPSSILDLDV DHHGSTGGQT VRCTAEGTPL PDIEWMICKD IKKCNNETSW TILANNVSNI ITEIHSRDRS TVEGRVTFK VEETIAVRCL AKNLLGAENR ELKLVAPTLR SE Molecular weight: 58.4 kDa (522aa)
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Yu J. et al. (2000) J Biol Chem. 275: 19076-82. Xie J. et al. (2001). Proc. Natl. Acad. Sci. USA 98: 9255-59.

Pictures:



Recombinant human PDGFRA, 24-524 aa,
His-tagged

