

Product datasheet for TP511616

Pdgfra (NM_001083316) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse platelet derived growth factor receptor, alpha polypeptide (Pdgfra), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211616 representing NM_001083316 Red=Cloning site Green=Tags(s)

MGTSHQVFLVLSCLLTGPGGLISCQLLLPSILPNEKIVQLNSSFSLRCVGESEVSWQHMPMSEEDDPNVE
IRSEENNSGLFVTVLEVVNASAAHTGWYTCYNNHTQTDESEIEGRHIYIYVDPDPMFVPLGMTDSLIV
EEDDSAIICRTTDPETQVTLHNNGRLVPASYDSRQGFNGTFSVGPYICEATVKGRFTKTSEFNVYALKA
TSELNLEMDARQTVYKAGETIVVTCAVFNNEVDLQWYTPGEVRNKGITMLEEIKLPSIKLVYTLTVPKA
TVKDSGEYECARQATKEVKEMKRVTISVHEKGFVEIPTFGQLEAVNLHEVREFVVEVQAYPTPRISWL
KDNLTLIENLTEITTDVQKSQETRYQSKLKLIRAKEEDSGHYTIIVQNEDDVKSYTFELSTLVPASILD
VDDHHGSGGGQTVRCTAEGTLPLEIDWMICKHIKCNNDTSWTVLASNVSNITELPRRGRSTVEGRVSV
AKVEETIAVRCLAKNNLSVARELKLVAPTLRSELVAAAVLVLLVIVIVSLIVLVVIWKQKPRYEIRWR
VIESISPDGHEIYVDPMQLPYDSRWEFPRDGLVLGRILGSGAFGKWEVTAYGLSRSQPMKVAVKMLK
PTARSSEKQALMSELKIMTHLGPLNIVNLLGACTKSGPIIITEYCFYGDVNYLHKNRDSFMSQHPEK
PKKDLDFGLNPADESTRSYVILSFENNGDYMDMKQADTTQYVPMERKEVSKYSIQRSLYDRPASYKK
KSMLDSEVKNLLSDDDSEGLTLLDLSFTYQVARGMEFLASKNCVHRDLAARNVLLAQGKIVKICDFGLA
RDIMHDSNYVSKGSTFLPVKWMAPESIFDNLTYTTLSDVWSYGILLWEIFSLGGTPYPGMMVDSTFYNKIK
SGYRMAKPDHATSEVYEIMVQCWNSEPEKRPSFYHLSEIVENLLPGQYKKSYEKIHLDFLKSHPAVARM
RVDSDNAYIGVTYKNEEDKLDWEGGLDEQRSLADSGYIIPDPIDPVPEEEDLGKRNHRSSQTSEESAI
ETGSSSSTFIKREDETIEDIDMMDDIGIDSSDLVEDSFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	123.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001076785
Locus ID:	18595
UniProt ID:	P26618
RefSeq Size:	6570
Cytogenetics:	5 39.55 cM
RefSeq ORF:	3267
Synonyms:	AI115593; CD140; CD140a; Pdgfr; Pdgfr-2
Summary:	This gene encodes a member of the receptor tyrosine kinase family of proteins. Binding of platelet-derived growth factor protein ligands to this receptor triggers receptor dimerization and autophosphorylation, resulting in the activation of several downstream signaling pathways. Signaling through the encoded receptor plays a role in gastrulation and the development of nearly all organ systems. Mice lacking a functional copy of this gene reportedly exhibit defects in lung, skeleton, testis and the central nervous system, and die soon after birth. Alternative splicing and intronic polyadenylation of gene transcripts have been implicated in muscle regeneration and fibrosis in adult mice. [provided by RefSeq, Jan 2017]