PDGF R beta Protein, Rat (HEK293, Fc)

Cat. No.:	HY-P74644
Synonyms:	Platelet-derived growth factor receptor beta; PDGF-R-beta; PDGFR-1; CD140b; PDGFRB
Species:	Rat
Source:	HEK293
Accession:	Q05030 (L32-K530)
Gene ID:	24629
Molecular Weight:	Approximately 117 kDa

PROPERTIES

AA Sequence	L V I T P P G P E F V L N I S S T F V L T C S S S A P V M W E Q M S Q V P W Q E A A M N Q D G T F S S V L T L T N V T G G D T G E Y F C V Y N N S L G P E L S E R K R I Y I F V P D P T M G F L P M D S E D L F I F V T D V T E T T I P C R V T D P Q L E V T L H E K K V D I P L H V P Y D H Q R G F I G T F E D K T Y I C K T T I G D R E V D S D T Y Y V Y S L Q V S S I N V S V N A V Q T V V R Q G E S I T I R C I V M G N D V V N F Q W T Y P R M K S G R L V E P V T D Y L F G V P S R I G S I L H I P T A E L S D S G T Y T C N V S V S V N D H G D E K A I N V T V I E N G Y V R L L E T L E D V Q I A E L H R S R T L Q V V F E A Y P T P S V L W F K D N R T L G D S S A G E L V L S T R N V S E T R Y V S E L T L V R V K V S E A G Y Y T M R A F H A D D Q V Q L S F K L Q V N V P V R V L E L S E S H P A N G E Q I L R C R G R G M P Q P N V T W S T C R D L K R C P R K L S P T P L G N S S K E E S Q L E T N V T F W E E D Q E Y E V V S T L R L R H V D Q P L S V R C M L Q N S M G R D S Q E V T V V P H S L P F K
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in PBS. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	PDGFRA is a receptor tyrosine kinase that binds to several ligands, including PDGFA, PDGFB, and PDGFD. These ligands can form homodimers or heterodimers, and binding of these ligands to PDGFRA activates several signaling cascades. The specific response depends on the ligand bound and can be modulated by the formation of heterodimers with another receptor, PDGFRB.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA