

Active Recombinant Human PDGFRB protein, His-tagged

Cat. No. PDGFRB-151H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PDGFRB protein(P09619)(33-530 aa), fused with C-terminal His tag, was expressed in Mammalian cells.v
Species	Human
Source	Mammalian cells
ProteinLength	33-530 aa
Form	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human PDGFRB at 2 µg/mL can bind Anti-PDGFRB recombinant antibody. The EC50 is 2.471-2.776 ng/mL.
Molecular Mass	57.4 KDa
AASequence	<p>LVVTPPGPELVLNVSSTFVLTCSGSAPVWVERMSQEPPQEMAKAQDGTFFSSVLTLT NLTGLDTGEYFCTHNSRGLTDERKRLYIFVPDPTVGFPLNDAEELFIFLTEITEITIP CRVTDQPQLVVTLEHKKGDVALPVPYDHQRGFSGIFEDRSYICKTTIGDREVDSDAYY VYRLQVSSINVSNAVQTVVRQGENITLMCIVIGNEVVNFEWTPRKESGRLVEPVT DFLLDMPYHIRSILHIPSAAELEDSTYTCNVTESVNDHQDEKAINITVVESGYVRLIGE VGTLQFAELHRSRTLQVVFEAYPPPTVLWFKDNRTLGDSSAGEIALSTRNVSETRYV SELTIVRVKVAEAGHYTMRAFHEDAQVLSFQLQINVPVRVLELSESHPDSSGEQTV RCRGRGMPQPNIWSACRDLKRCPRELPTLLGNSSEEEESQLETNVTYWEEEQEFE</p>

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VVSTLRLQHVDRPLSVRCTRLRNAVGQDTQEIVVPHSLPF

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

Purity

Greater than 95% as determined by SDS-PAGE. Greater than 95% as determined by SEC-HPLC.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

protein Refseq-Weblink

http://www.ncbi.nlm.nih.gov/protein/NP_002600.1

Unit ID

P09619

Unit ID-Weblink

<https://www.uniprot.org/uniprot/P09619>

GENE INFORMATION

Gene Name

PDGFRB platelet-derived growth factor receptor, beta polypeptide [Homo sapiens]

Official Symbol

PDGFRB

Synonyms

PDGFRB; platelet-derived growth factor receptor, beta polypeptide; PDGFR; platelet-derived growth factor receptor beta; CD140b; JTK12; PDGFR1; PDGFR-beta; PDGFR-beta; CD140 antigen-like family member B; platelet-derived growth factor receptor

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1; beta-type platelet-derived growth factor receptor; CD140B; PDGFR-1;

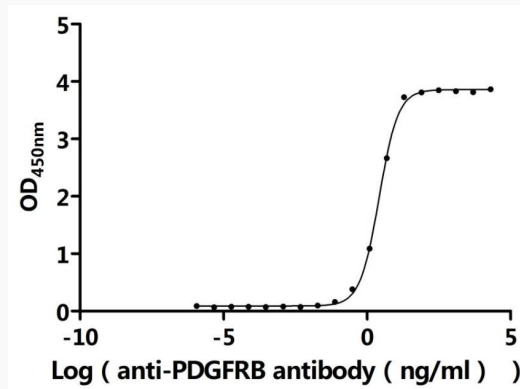
Gene ID 5159

mRNA Refseq NM_002609

protein Refseq NP_002600

MIM 173410

Activity

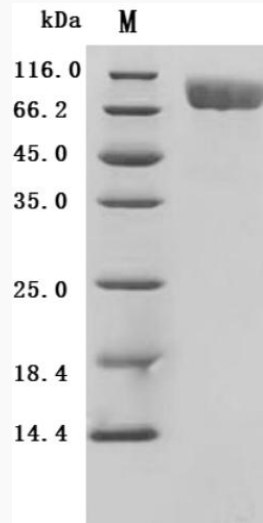



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SDS-PAGE



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