

Active Recombinant Rhesus PDGFRB protein, His-tagged

Cat. No. PDGFRB-1207R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus PDGFRB(Met1-Phe530) fused with His tag at C-terminal was expressed in HEK293.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Phe530
Predicted N Terminal	Leu 33
Form	Lyophilized from sterile PBS, pH 7.4.1. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.2. Please contact us for any concerns or special requirements.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Rhesus PDGFRB-His at 10 µg/ml (100 µl/well) can bind Rhesus PDGFB, The EC50 of Rhesus PDGFB is 3-8 ng/ml.
Molecular Mass	The recombinant rhesus PDGFRB comprises 509 amino acids and has a calculated molecular mass of 57.7 Kda.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	PDGFRB platelet-derived growth factor receptor, beta polypeptide [<i>Macaca mulatta</i>]
Official Symbol	PDGFRB
Synonyms	platelet-derived growth factor receptor, beta polypeptide; beta-type platelet-derived growth factor receptor; platelet-derived growth factor receptor beta
Gene ID	711353
mRNA Refseq	
Protein Refseq	
MIM	
UniProt ID	

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Chromosome

chromosome: 6

Location

Pathway

Calcium signaling pathway, organism-specific biosystem; Central carbon metabolism in cancer, conserved biosystem; Focal adhesion, organism-specific biosystem

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