

Datasheet for ABIN1684604

PDGFRB Protein (C-Term, Extracellular Domain)



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Overview

Quantity:	200 µg
Target:	PDGFRB
Protein Characteristics:	C-Term, Extracellular Domain
Origin:	Human
Source:	HEK-293T Cells
Protein Type:	Recombinant

Product Details

Specificity:	Optimized DNA sequence encoding Human extracellular domain of human PDGFR beta including a C-terminal 6His tag was expressed in HEK293 cells.
Characteristics:	Recombinant PDGF-R beta is a monomer protein consisting of 510 amino acid residue subunits, due to glycosylation migrates as an approximately 100 kDa protein on SDS-PAGE.
Purity:	> 95 %, as determined by SDS-PAGE and HPLC
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/µg(1EU/µg).

Target Details

Target:	PDGFRB
Alternative Name:	CD140b (PDGFRB Products)
Background:	BCMA (B cell maturation) is a nonglycosylated integral membrane type I protein that is

Target Details

preferentially expressed in mature B lymphocytes. The N-terminal part of both mouse and human proteins contains a conserved six-cysteine motif. BlyS binds to three receptors of the TNF receptor family (B cell maturation antigen BCMA, TACI, and BAFF-R), all of which are expressed by mature B cells.

UniProt:	P09619
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Inositol Metabolic Process , Glycosaminoglycan Metabolic Process , Smooth Muscle Cell Migration , Platelet-derived growth Factor Receptor Signaling

Application Details

Restrictions:	For Research Use only
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Handling

Buffer:	PBS solution, pH7.2.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-20 °C
Storage Comment:	The lyophilized protein is stable for at least years from date of receipt at -20 °C. Upon reconstitution, this product can be stored in working aliquots at - 8 °C for one month, or at -20 °C for six months, with a carrier protein without detectable loss of activity.
Expiry Date:	12-24 months