

Datasheet for ABIN7275443

PDGFRB Protein (AA 33-531) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	PDGFRB
Protein Characteristics:	AA 33-531
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDGFRB protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus PDGF R beta/CD140b Protein
Sequence:	Leu33-Lys531
Characteristics:	Recombinant Cynomolgus PDGF R beta/CD140b Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Leu33-Lys531.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	PDGFRB
Alternative Name:	PDGF R beta (PDGFRB Products)

Target Details

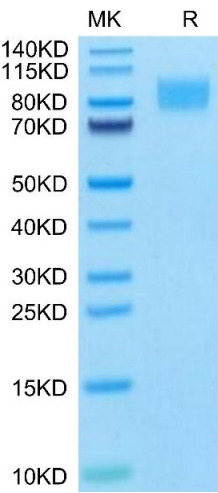
Background:	Platelet-derived growth factor receptor (PDGFR) signaling is involved in proliferation and survival in a wide array of cell types. PDGFR- β signalling, via TGF- β signalling, may be crucial for restoration of BBB integrity after cerebral ischemia and therefore represents a novel potential therapeutic target.
Molecular Weight:	57.49 kDa. Due to glycosylation, the protein migrates to 75-105 kDa based on Tris-Bis PAGE result.
UniProt:	A0A2K5TUS0
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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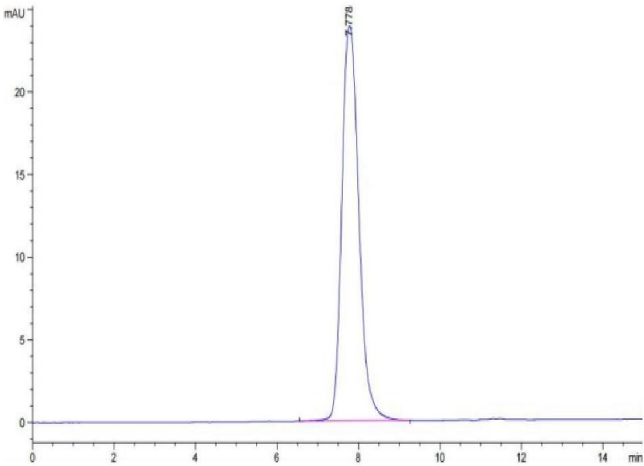
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu\text{g/mL}$ is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 $^{\circ}\text{C}$, -80 $^{\circ}\text{C}$
Storage Comment:	-20 to -80 $^{\circ}\text{C}$ for 12 months as supplied from date of receipt., -80 $^{\circ}\text{C}$ for 3-6 months after reconstitution., 2-8 $^{\circ}\text{C}$ for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Cynomolgus PDGFR beta on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Cynomolgus PDGFR beta is greater than 95 % as determined by SEC-HPLC.