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Datasheet for ABIN7504504
PDGFRA Protein (AA 29-528) (His tag)

Overview

Quantity:	100 µg
Target:	PDGFRA
Protein Characteristics:	AA 29-528
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDGFRA protein is labelled with His tag.

Product Details

Purpose:	Mouse PDGF R alpha/PDGFRA Protein
Sequence:	Ser29-Ala528
Characteristics:	Recombinant Mouse PDGF R alpha/PDGFRA Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Ser29-Ala528.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 90 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	PDGFRA
Alternative Name:	PDGF R alpha (PDGFRA Products)

Target Details

Background: Platelet-derived growth factor is commonly known as a mitogen. Many research data suggest a role for PDGF-beta R in the mitogenic response of mesangial cells. There are four members of PDGF family known as PDGF-A chain, PDGF-B chain, PDGF-C chain and PDGF-D chain, which in active forms are dimers. As far as two receptors PDGF-alpha R and PDGF-beta R are known to bind PDGF.

Molecular Weight: 57.08 kDa. Due to glycosylation, the protein migrates to 68-80 kDa based on Tris-Bis PAGE result.

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Platelet-derived growth Factor Receptor Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/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 °C, -80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°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