

Datasheet for ABIN6809861

PDGFRA Protein (AA 24-528) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	PDGFRA
Protein Characteristics:	AA 24-528
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This PDGFRA protein is labelled with His tag.

Product Details

Sequence:	AA 24-528
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	PDGFRA
Alternative Name:	PDGF R alpha (PDGFRA Products)
Background:	PDGFRA(platelet-derived growth factor receptor A), also termed PDGFRα(platelet-derived growth factor receptor α), is a receptor located on the surface of a wide range of cell types. This receptor binds to certain isoforms of platelet-derived growth factors (PDGFs) and thereby becomes active in stimulating cell signaling pathways that elicit responses such as cellular

Target Details

	growth and differentiation. The receptor is critical for the development of certain tissues and organs during embryogenesis and for the maintenance of these tissues and organs, particularly hematologic tissues, throughout life. Mutations in the gene which codes for PDGFRA, are associated with an array of clinically significant neoplasms.
Molecular Weight:	58.4 kDa
NCBI Accession:	NP_006197
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Platelet-derived growth Factor Receptor Signaling

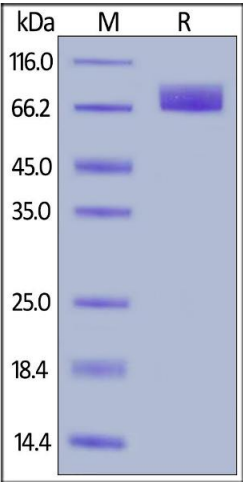
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Images



SDS-PAGE

Image 1. Human PDGF R alpha, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .