

Datasheet for ABIN7538479  
**PDGFRA Protein (AA 24-528) (His tag)**



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1 Image

Overview

Quantity:	50 µg
Target:	PDGFRA
Protein Characteristics:	AA 24-528
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDGFRA protein is labelled with His tag.

Product Details

Purpose:	Recombinant human PDGFRA Protein with C-terminal 6xHis tag
Specificity:	PDGFRA (Gln24-Ala528) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	PDGFRA
Alternative Name:	PDGFRA ( <a href="#">PDGFRA Products</a> )
Background:	This gene encodes a cell surface tyrosine kinase receptor for members of the platelet-derived

## Target Details

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growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides. Studies suggest that this gene plays a role in organ development, wound healing, and tumor progression. Mutations in this gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers. [provided by RefSeq, Mar 2012]

**Molecular Weight:** predicted molecular mass of 57.4 kDa after removal of the signal peptide. The apparent molecular mass of PDGFRA-His is 100-130 kDa due to glycosylation.

**UniProt:** [P16234](#)

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

## Application Details

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**Restrictions:** For Research Use only

## Handling

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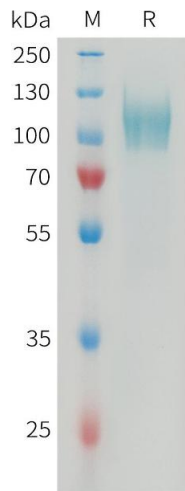
**Format:** Lyophilized

**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

**Storage:** -20 °C,-80 °C

**Storage Comment:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

**Expiry Date:** 12 months



### SDS-PAGE

**Image 1.** Human PDGFRA Protein, His Tag on SDS-PAGE under reducing condition.