

# Recombinant Mouse PDGFRA protein(Met1-Ala528), His-tagged

Cat. No. PDGFRA-2403M Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse PDGFRA (NP_001334647.1) (Met1-Ala528) was expressed in HEK293 with a polyhistide tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ala528
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Mouse PDGFRA His at 2 µg/ml (100 µl/well) can bind Cynomolgus PDGF-B mFc, the EC50 of Cynomolgus PDGF-B mFc is 150-700 ng/mL.
<b>Molecular Mass</b>	The recombinant mouse PDGFRA consists of 515 amino acids and predicts a molecular mass of 57.87 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** [Pdgfra platelet derived growth factor receptor, alpha polypeptide \[ Mus musculus \]](#)

**Official Symbol** [PDGFRA](#)

**Synonyms**

PDGFRA; platelet derived growth factor receptor, alpha polypeptide; platelet-derived growth factor receptor alpha; PDGFR-alpha; PDGF-R-alpha; PDGF alpha chain; CD140 antigen-like family member A; platelet-derived growth factor alpha receptor; alpha-type platelet-derived growth factor receptor; Alpha platelet-derived growth factor receptor precursor (PDGF-R-alpha); CD140a; Pdgfr-2; AI115593;

**Gene ID** [18595](#)

**mRNA Refseq** [NM\\_001083316](#)

**Protein Refseq** [NP\\_001076785](#)

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