

Recombinant Human PDGFRL protein, His & GST-tagged

Cat. No. PDGFRL-8159H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDGFRL aa. (Gln22~Ser375 (Accession# Q15198)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gln22~Ser375
Description	This gene encodes a protein with significant sequence similarity to the ligand binding domain of platelet-derived growth factor receptor beta. Mutations in this gene, or deletion of a chromosomal segment containing this gene, are associated with sporadic hepatocellular carcinomas, colorectal cancers, and non-small cell lung cancers. This suggests this gene product may function as a tumor suppressor.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 69.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.05% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	PDGFRL platelet derived growth factor receptor like [Homo sapiens (human)]
Official Symbol	PDGFRL
Synonyms	PDGRL; PRLTS; PDGF receptor beta-like tumor suppressor; PDGFR-like protein; platelet-derived growth factor-beta-like tumor suppressor; platelet-derived growth factor receptor-like protein
Gene ID	5157
mRNA Refseq	NM_006207.2
Protein Refseq	NP_006198.1

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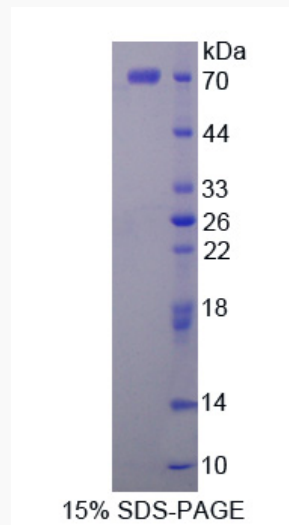
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UniProt ID

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SDS-PAGE

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