

Recombinant Human PDGFRA Protein (Met1-Glu524), C-His tagged

Cat. No. PDGFRA-4841H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PDGFRA (Met1-Glu524) fused with the C-terminal His tag was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
ProteinLength	Met1-Glu524
Description	<p>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 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.</p>
Form	Lyophilized powder/frozen liquid
Molecular Mass	57.64 kDa
Endotoxin	< 1.0

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	EU/μg of the protein as determined by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	PDGFRA platelet-derived growth factor receptor, alpha polypeptide [Homo sapiens (human)]
Official Symbol	PDGFRA
Synonyms	PDGFRA; platelet-derived growth factor receptor, alpha polypeptide; platelet-derived growth factor receptor alpha; CD140a; PDGFR2; PDGFR-alpha; PDGF-R-alpha; CD140a antigen; PDGFRA/BCR fusion; CD140 antigen-like family member A; platelet-derived growth factor receptor 2; alpha-type platelet-derived growth factor receptor; rearranged-in-hypereosinophilia-platelet derived growth factor receptor alpha fusion protein; CD140A; PDGFR-2; RHEPDGFRA; MGC74795;
Gene ID	5156

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mRNA Refseq	NM_006206
Protein Refseq	NP_006197
MIM	173490
UniProt ID	P16234

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