Recombinant Mouse PDGFRA Protein (Leu25-Glu524), C-His tagged

Cat. No. PDGFRA-6767M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse PDGFRA (Leu25-Glu524) fused with the C-terminal His tag was expressed in mammalian cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Leu25-Glu524
Description	This gene encodes a cell surface tyrosine kinase receptor for members of the platelet-derived 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.
Form	Lyophilized powder/frozen liquid
Molecular Mass	55 kDa
Purity	> 90 % as determined by SDS-PAGE

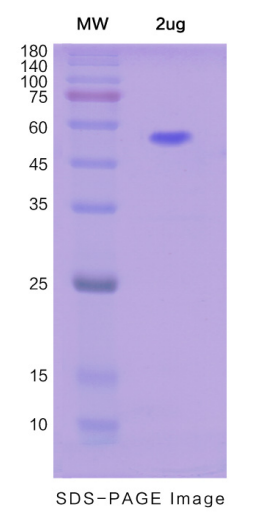
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Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as 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 [Homo sapiens (human)]
Official Symbol	PDGFRA
Synonyms	PDGFRA; platelet derived growth factor receptor alpha; CD140A; PDGFR2; PDGFR-2; platelet-derived growth factor receptor alpha; CD140 antigen-like family member A; CD140a antigen; PDGF-R-alpha; alpha-type platelet-derived growth factor receptor; platelet-derived growth factor receptor 2; platelet-derived growth factor receptor, alpha polypeptide; EC 2.7.10.1
Gene ID	5156
mRNA Refseq	NM_006206
Protein Refseq	NP_006197
MIM	173490

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UniProt ID	P16234
SDS-PAGE	

SDS-PAGE Image

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