

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

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

SPECIFICATION

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| 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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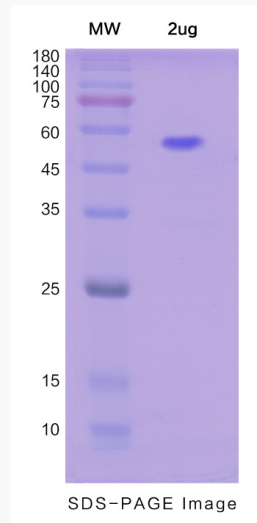
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UniProt ID

P16234

SDS-PAGE



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