

PDGFR alpha (E675G Y676C) Recombinant Protein | PDGFRalpha recombinant protein

PDGFR alpha (E675G Y676C), Active

CATALOG #
AAA73798

HOST
Sf9 insect cells

PRODUCT SYNONYMS

PDGFR alpha (E675G Y676C); Active; CD140A; PDGFR2; MGC74795; Rhe-PDGFRa; PDGFRalpha recombinant protein

PRODUCT SPECIFICATIONS

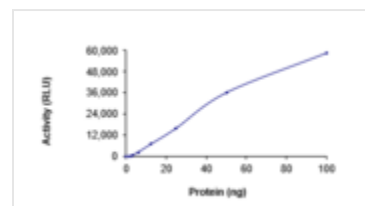
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 300mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see the related technical datasheet.

ADDITIONAL INFORMATION

Related Product Information for PDGFRalpha recombinant protein	Recombinant human PDGFRalpha (E675G Y676C)(550-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_006206. PDGFRalpha (platelet-derived growth factor receptor a) is a member of the PDGFR family of membrane receptors with intrinsic tyrosine kinase activity. Aberrant expression of PDGFRalpha has been linked to developmental abnormalities in vertebrate models and has been implicated in multiple disease states in humans. There is widespread expression of PDGFRalpha in renal cell types involved in fibrotic and sclerosing processes (1). PDGF and its receptor PDGFRalpha are inducers of fibrosis in the repair phase of inflammatory bowel disease and they may also be involved in the active inflammatory phase (2). PDGFRa(T674I) is one of the mutant forms of PDGFRa.
Product Categories/Family for PDGFRalpha recombinant protein	Mutant Kinases; Angiogenesis; Apoptosis/Autophagy; Cancer; Cell Cycle; Cellular Stress; Inflammation; Invasion/Metastasis; Receptor Tyrosine Kinases
References	1. Floege, J. et al: Expression of PDGF alpha-receptor in renal arteriosclerosis and rejecting renal transplants. J Am Soc Nephrol. 1998 Feb;9(2):211-23. 2. Kumagai, S. et al: Platelet-derived growth factor and its receptors are expressed in areas of both active inflammation and active fibrosis in inflammatory bowel disease. Tohoku J Exp Med. 2001 Sep;195(1):21-33.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_006206
Molecular Weight	approx. MW: 95kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pdgr-alpha-e675g-y676c-recombinant-protein-sf9-insect-cells/73798>