

PDGFR beta Recombinant Protein | PDGFRbeta recombinant protein

PDGFR beta, Active

CATALOG # AAA73800	HOST Sf9 insect cells	APPLICATIONS Western Blot
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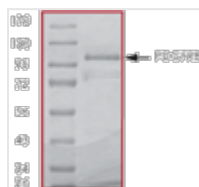
PRODUCT SYNONYMS

PDGFR beta; Active; JTK12; PDGFR; CD140B; PDGFR1; PDGFRbeta recombinant protein

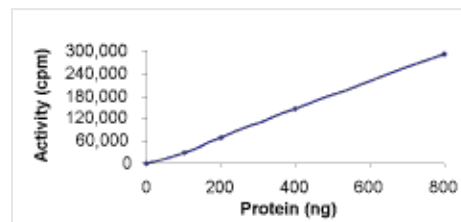
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for PDGFRbeta recombinant protein	WB (Western Blot), Kinase Assay
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 related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for PDGFRbeta recombinant protein	Recombinant human PDGFRbeta (557-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_002609. PDGFRbeta (platelet-derived growth factor receptor ?) is a member of the PDGFR family of membrane receptors with intrinsic tyrosine kinase activity. PDGFRbeta deficient mice are hemorrhagic, severely anemic and exhibit a defect in kidney glomeruli function (1). However, absence of PDGFRbeta has no impact on major blood vessels and the heart. PDGFRbeta?expression and activity is elevated in several cancers and inhibition of PDGFRbeta activity blocks progression of renal carcinoma in an animal model (2).
Product Categories/Family for PDGFRbeta recombinant protein	Protein Kinases ; AKT/PKB Pathway ; Cancer ; ERK/MAPK Pathway ; Receptor Tyrosine Kinases

References

1. Soriano, P: Abnormal kidney development and hematological disorders in PDGF beta-receptor mutant mice. Genes Dev. 1994 Aug 15;8(16):1888-96.
2. Xu, L. et al: Blocking platelet-derived growth factor-D/platelet-derived growth factor receptor beta signaling inhibits human renal cell carcinoma progression in an orthotopic mouse model. Cancer Res. 2005 Jul 1;65(13):5711-9.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_002609](#)

Molecular Weight

~104kDa

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/pdgfr-beta-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73800>