

TPM3-PDGFR beta Recombinant Protein | TPM3-PDGFRbeta recombinant protein

TPM3-PDGFR beta, Active

CATALOG # AAA73801	HOST Sf9 insect cells	APPLICATIONS Kinase Assay
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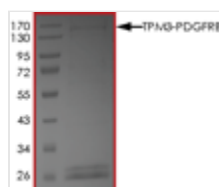
PRODUCT SYNONYMS

TPM3-PDGFR beta; Active; TPM3: CAPM1; CFTD; hscp30; NEM1; OK/SW-cl.5; TM-5; TM3; TM30; TM30nm; TM5; TPMsk3 PDGFRB: JTK12; PDGFR; CD140B; PDGFR1; PDGF-R-beta; TPM3-PDGFRbeta recombinant protein

PRODUCT SPECIFICATIONS

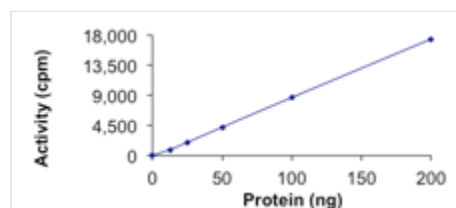
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for TPM3-PDGFRbeta recombinant protein	Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped 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 TPM3-PDGFRbeta recombinant protein	Recombinant human TPM3-PDGFRB, the fusion protein [TPM3 (1-258)-PDGFRB (528-end)], was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The TPM3 gene accession number is NM_152263 and, PDGFRB's one is NM_002609. TPM3 is an actin-binding protein that mediates myosin-actin response to calcium ions in skeletal muscles. PDGFRB is a receptor tyrosine kinase of the PDGFR family that binds members of the platelet-derived growth factor family. PDGFRB is located at chromosome 5q31-33, and has been reported to have at least 18 fusion partners. It was uncovered that the TPM3 gene at 1q21 as a PDGFRB partner in chronic eosinophilic leukemia (CEL).
Product Categories/Family for TPM3-PDGFRbeta recombinant protein	Mutant Kinases; Cancer

References

1. Rosati R, et al. TPM3/PDGFRB fusion transcript and its reciprocal in chronic eosinophilic leukemia. Leukemia. 20(9):1623-4, 2006.
2. Li Z, Yang R, Zhao J, Yuan R, Lu Q, Li Q, Tse W. Molecular diagnosis and targeted therapy of a pediatric chronic eosinophilic leukemia patient carrying TPM3-PDGFRB fusion. Pediatr Blood Cancer. 56(3):463-6. 2011.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_152263](#)

Molecular Weight

~150kDa

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/tpm3-pdgfr-beta-recombinant-protein-sf9-insect-cells-kinase-assay/73801>