

FLT4 recombinant protein

FLT4, Active

CATALOG # AAA73571	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

FLT4; Active; VEGFR3; FLT41; LMPH1A; PCL; FLT4 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 FLT4 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 FLT4 recombinant protein	Recombinant human FLT4 (800-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The FLT4 gene accession number is NM_002020. FLT4 or fms-related tyrosine kinase 4 is a tyrosine kinase receptor for vascular endothelial growth factors C and D and highly expressed in lymphangiogenesis and maintenance of the lymphatic endothelium. FLT4 is a marker for lymphatic vessels and some high endothelial venules in human adult tissues and also supported the theory of the venous origin of lymphatic vessels (1). FLT4 plays an essential role in the development of the embryonic cardiovascular system before the emergence of the lymphatic vessels (2).
Product Categories/Family for FLT4 recombinant protein	Protein Kinases ; AKT/PKB Pathway ; Angiogenesis ; Cancer ; ERK/MAPK Pathway ; Receptor Tyrosine Kinases
References	1. Kaipainen, A. et.al: Expression of the fms-like tyrosine kinase 4 gene becomes restricted to lymphatic endothelium during development. Proc. Nat. Acad. Sci. 92: 3566-3570, 1995. 2. Dumont, D. J. et..al: Cardiovascular failure in mouse embryos deficient in VEGF receptor-3. Science 282: 946-949, 1998.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_002020
Molecular Weight	~85kDa

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/flt4-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73571>