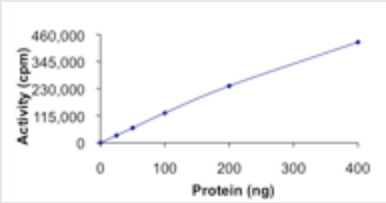
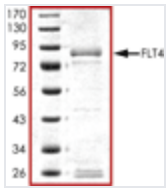
FLT4 Recombinant Protein

PRODUCT OVERVIEW

Product Name	FLT4, Recombinant Protein
Full Product Name	FLT4, Active
Product Gene Name	FLT4 recombinant protein
Product Synonym Names	VEGFR3; FLT41; LMPH1A; PCL
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.
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.
Molecular Weight	~85kDa
Tag	GST
Species	Human
Dry Ice Shipment	Extra charge fee may add to your shipping cost as dry ice is required to ship this product.
Product Categories/Family for FLT4 recombinant protein	Protein Kinases; AKT/PKB Pathway; Angiogenesis; Cancer; ERK/MAPK Pathway; Receptor Tyrosine Kinases
Applications Tested/Suitable for FLT4 recombinant protein	Kinase Assay, Western Blot (WB)
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 References and Citations for FLT4 recombinant protein	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.
Other Notes	Small volumes of FLT4 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FLT4 purchase	MBS516990 is a recombinant protein targeting FLT4. Also known as FLT4, Active. Host: Sf9 insect cells.



Activity of FLT4 recombinant protein
Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.



SDS-Page of FLT4 recombinant protein
Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FLT4. It may not necessarily be applicable to this product.

GenBank Nucleotide #	NM_002020
Protein Family	Vascular endothelial growth factor receptor
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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