

Product Information

MemDX™ Membrane Protein Human FLT4 (Fms related receptor tyrosine kinase 4) for

Antibody Discovery

Cat. No.: **MP0142Q**

This product is for research use only and is not intended for diagnostic use.

This product is a 120 kDa Human FLT4 membrane protein expressed in Insect. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

FLT4

Protein Length

Full-length

Protein Class

Druggable Genome, Protein Kinase, Transmembrane

Molecular Weight

120 kDa

TMD

1

Sequence

MQRGAALCLRLWLCLGLLDGLVSGYSMTPTLNITEESHVIDTGDSLSISCRGQHPLEWA
WPGAQEAPATGDKDSED TGVRDCEGTDARPYCKVLLLHEVHANDTGSYVCYYKYIKARI
EGTTAASSYVFVRDFEQPFINKPDTLLVNRKDAMWVPCLVSIPGLNVTLSQSSVLWPDG
QEVVWDDRRGMLVSTPLLHDALYLQCETTWDGQDFLSNPFLVHITGNELYDIQLLPRKSL
ELLVGEKLVLNCTVWAEFNSGVTFDWDYPGKQAERGKWVPERRSQQTHTELSSILTIHNV
SQHDLGSYVCKANNGIQRFRESTEIVHENPFISVEWLKGPILEATAGDELVKLPVKLAA
YPPPEFQWYKDGKALSGRHSPHALVLKEVTEASTGTYTLALWNSAAGLRRNISLELVNV
PPQIHEKEASSPSIYSRHSRQALTCTAYGVPLPLSIQWHWRPWTPCKMFAQRSLRRRQQQ
DLMPQCRDWRVATTQDAVNPIESLDTWTEFVEGKNKTVSKLVIQANANVSAMYKCVVSNKV
GQDERLIYFYVTTIPDGFTIESKPSEELLEGGQPVLLSCQADSYKYEHLRWYRLNLSTLHD
AHGNPLLLDCKNVHLFATPLAASLEEVAPGARHATLSLSIPRVAPEHEGHYVCEVQDRRS
HDKHCHKKYL SVQALEAPRLTQNLTDLLVNVSDSLEMQLVAGAHAPSIVWYKDERLLEE
KSGVDLADS NQKLSIQRVREEDAGRYLCSVCNAKGCVNSSASVAVEGSEDKGSMEIVILV
GTGVIAVFFWVLLLLIFCNMRRPAHADIKTYLSIIMDPGEVPLEEQCEYLSYDASQWEF
PRERLHLGRVLGYGAFGKVVEASAFGIHKGSSCDTVAVKMLKEGATASEHRALMSELKIL
IHIGNHLNVVNLGACTKPQGPLMVIVEFCKYGNLSNFLRAKRAFDSPCAEKSPEQRGRF
RAMVELARLDRRRPGSSDRVLFAFESKTEGGARRASPDQEAEDLWLSPLTMEDLVCYSFQ
VARGMEFLASRKCIHRDLAARNILLS ESDVVKICDFGLARDIYKDPDYVRKGSARLPLKW
MAPESIFDKVYTTQSDVWSFGVLLWEIFSLGASYPGVQINEEFCQRLRDGTRMRAPELA

TPAIRRIMLNCWSGDPKARPAFSELVEILGDLLQGRGLQEEEEVCMAPRSSQSSEEGSFS
QVSTMALHIAQADAEDSPPSLQRHSLAARYYNWVSFPGCLARGAETRGS SRMKTFE EFPM
TPTTYKGSVDNQTDSGMVLASEEFEQIESRHRQESGFRGTRRTRGA

Product Description

Expression Systems

Insect

Tag

His

Form

Powder

Endotoxin

< 0.1 ng per µg

Purity

>90% by SDS-PAGE and visualised by silver stain

Buffer

Lyophilized without buffer and stabilizer

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

FLT4

Full Name

Fms related receptor tyrosine kinase 4

Introduction

This gene encodes a tyrosine kinase receptor for vascular endothelial growth factors C and D. The protein is thought to be involved in lymphangiogenesis and maintenance of the lymphatic endothelium. Mutations in this gene cause hereditary lymphedema type IA.

Alternative Names

PCL; CHTD7; FLT-4; FLT41; LMPH1A; LMPHM1; VEGFR3; VEGFR-3; vascular endothelial growth factor receptor 3; Feline McDonough Sarcoma (FMS)-like tyrosine kinase 4; VEGF receptor-3; fms related tyrosine kinase 4; fms-like tyrosine kinase 4; primary congenital lymphedema; tyrosine-protein kinase receptor FLT4

Gene ID

[2324](#)

UniProt ID

[P35916](#)