

## 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  
WPGAQEAPATGDKDSEDTGVVRDCEGTDARPYCKVLLLHEVHANDTGSYVCYYKYIKARI  
EGTTAASSYVFVRDFEQPFINKPDTLLVNRKDAMWVPCLVSIPLNVTLSQSSVLWPDG  
QEVVWDDRRGMLVSTPLLHDALYLQCETTWDGQDFLSNPFLVHITGNELYDIQLLPRKSL  
ELLVGEKLVLNCTVWAEFNSGVTFDWDYPGKQAERGKWVPERRSQQTHTELSSILTIHNV  
SQHDLGSYVCKANNGIQRFRETEVIVHENPFISVEWLKGPILAEATAGDELVKLPVKLAA  
YPPPEFQWYKDGKALSGRHSPHALVLKEVTEASTGTYTLALWNSAAGLRRNISLELVNV  
PPQIHEKEASSPSIYSRHSRQALTCTAYGVPLPLSIQWHWRPWTPCKMFAQRSLRRRQQQ  
DLMPQCRDWRVAVTTQDAVNPIESLDTWTEFVEGKNKTVSKLVIQANANVSAMYKCVVSNKV  
GQDERLIYFYVTTIPDGFTIESKPSSEELLEGQPVLLSCQADSYKYEHLRWYRLNLSTLHD  
AHGNPLLLDCKNVHLFATPLAASLEEVAPGARHATLSLSIPRVAPEHEGHYVCEVQDRRS  
HDKHCHKKYLVSQALEAPRLTQNLTDLLVNVSDSLEMQLVAGAHAPSIVWYKDERLLEE  
KSGVDLADSNDKLSIQRVREEDAGRYLCSVCNAKGCVNSSASVAVEGSEDKGSMEIVILV  
GTGVIAVFFWVLLLLIFCNMRRPAHADIKTYLSIIMDPGEVPLEEQCEYLSYDASQWEF  
PRERLHLGRVLGYGAFGKVVEASAFGIHKGSSCDTVAVKMLKEGATASEHRALMSELKIL  
IHIGNHLNVVNLGACTKPQGPLMVIVEFCKYGNLSNFLRAKRAFDSPCAEKSPEQRGRF  
RAMVELARLDRRRPGSSDRVLFAFESKTEGGARRASPDQEAEDLWLSPLTMEDLVCYSFQ  
VARGMEFLASRKCIHRDLAARNILLSSESDVVKICDFGLARDIYKDPDYVRKGSARLPLKW  
MAPESIFDKVYTTQSDVWSFGVLLWEIFSLGASYPGVQINEEFCQRLRDGTRMRAPELA

TPAIRRIMLNCWSGDPKARPAFSELVEILGDLLQGRGLQEEEEVCMAPRSSQSSEEGSFS  
QVSTMALHIAQADAEDSPPSLQRHSLAARYYNWVSFPGCLARGAETRGS SRMKTFE EFPM  
TPTTYKGSVDNQTDSGMVLASEEF EQIESRHRQESGFRGTRRTRGA

## 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](#)