

## Product Information

### MemDX™ Antibody Discovery - Human VEGFR3 / FLT4 (25-776) Membrane Protein, Partial, - His -Avi tag, [Biotin]

Cat. No.: **MP0543F**

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

This membrane protein is Human VEGFR3 / FLT4 (25-776). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

#### Product Specifications

##### Host Species

Human

##### Target Protein

VEGFR3 / FLT4

##### Protein Length

ECD

##### Molecular Weight

The protein has a calculated MW of 88.2 kDa. The protein migrates as 115-120 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

##### Sequence

AA Tyr 25 - Ile 776 (Accession # P35916-1).

#### Product Description

##### Activity

Yes

##### Application

SDS-PAGE, ELISA

##### Expression Systems

HEK293

##### Tag

His tag at the C-terminus, followed by an Avi tag.

##### Protein Format

Soluble

##### Form

LYOPH

### **Reconstitution**

Please see Certificate of Analysis for specific instructions.

### **Endotoxin**

<1.0 EU/µg by the LAL method

### **Conjugation**

Biotin

### **Purity**

>95% as determined by SDS-PAGE.

### **Buffer**

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

### **Storage**

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

## **Target**

### **Target Protein**

VEGFR3 / 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](#)