

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](#)