

Datasheet for ABIN5608389

FLT4 Protein (partial) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	FLT4
Protein Characteristics:	partial
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FLT4 protein is labelled with Fc Tag.
Application:	Western Blotting (WB), ELISA

Product Details

Sequence:	Tyr 25 - Ile 776
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Endotoxin level is less than 1.0 EU per µg by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Human VEGF-C, His Tag at 5 µg/mL (100 µL/well) can bind Human VEGF R3, Fc Tag with a linear range of 0.6-10 ng/mL (QC tested).

Target Details

Target:	FLT4
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Target Details

Alternative Name:	VEGF R3 (FLT4 Products)
Background:	Vascular endothelial growth factor receptor 3 (VEGF R3), also known as FLT-4, together with the other two members VEGFR1 (FLT-1) and VEGFR2 (KDR/Flk-1) are receptors for vascular endothelial growth factors (VEGF) and belong to the class III subfamily of receptor tyrosine kinases (RTKs). VEGF R3 mediates lymphangiogenesis in response to VEGF-C and VEGF-D. VEGF R3 is widely expressed in the early embryo but becomes restricted to lymphatic endothelia at later stages of development. It is likely that VEGF R3 may be important for lymph angiogenesis.
Molecular Weight:	111.2 kDa
Gene ID:	2324
NCBI Accession:	NP_002011
UniProt:	P35916
Pathways:	RTK Signaling , Signaling Events mediated by VEGFR1 and VEGFR2 , VEGF Signaling

Application Details

Application Notes:	This recombinant protein can be used for E, WB.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	50 mM Tris, 100 mM Glycine, pH 7.5
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C, -80 °C
Storage Comment:	Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C.