

Recombinant Human FLT1 protein, His-Avi-tagged, Biotinylated

Cat. No. FLT1-310HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Human VEGFR1 Protein is expressed from mammalian with a His Tag and Avi Tag at the Cterminal. It contains Ser27-His687.
Species	Human
Source	HEK293
ProteinLength	It contains Ser27-His687.
Description	VEGFR1 (vascular endothelial growth factor receptor 1), also called Flt-1 (Fms-like tyrosine kinase), is a 180 kDa type I transmembrane glycoprotein in the class III subfamily of receptor tyrosine kinases (RTKs). yrosine-protein kinase that acts as a cell-surface receptor for VEGFA, VEGFB and PGF, and plays an essential role in the development of embryonic vasculature, the regulation of angiogenesis, cell survival, cell migration, macrophage function, chemotaxis, and cancer cell invasion. May play an essential role as a negative regulator of embryonic angiogenesis by inhibiting excessive proliferation of endothelial cells.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 85.1 kDa. Due to glycosylation, the protein migrates to 100-120KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per ug by the LAL method.

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Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

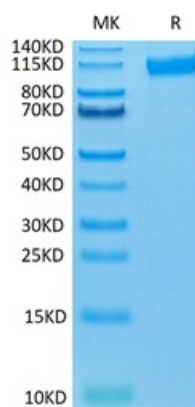
GENE INFORMATION

Gene Name	FLT1 fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor) [Homo sapiens]
Official Symbol	FLT1
Synonyms	EC 2.7.10; EC 2.7.10.1; FLT; FLT1; Flt-1; Fms-like tyrosine kinase 1; fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor); FRT; Tyrosine-protein kinase FRT; Tyrosine-protein kinase receptor FLT; vascular endothelial growth factor receptor 1; Vascular permeability factor receptor; VEGF R1; VEGFR1; VEGFR-1; Flt-1; Flt1
Gene ID	2321
mRNA Refseq	NM_001159920
Protein Refseq	NP_001153392
MIM	165070
UniProt ID	P17948

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Tris-Bis PAGE

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