

Active Recombinant Human FLT1 protein, His-Avi-tagged, Low Endotoxin

Cat. No. FLT1-321H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLT1 protein(P17948-1)(27-756 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-756 aa
Form	Lyophilized from 0.22µm filtered solution in PBS, 8% trehalose (pH 7.4).
Bio-activity	Immobilized Human VEGF R1, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human VEGF121, His Tag with the EC50 of 40.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 85.1 kDa. Due to glycosylation, the protein migrates to 100-120 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name FLT1 fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor) [Homo sapiens]

Official Symbol FLT1

Synonyms FLT1; fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor); FLT; vascular endothelial growth factor receptor 1; VEGFR1; FLT-1; VEGFR-1; fms-like tyrosine kinase 1; tyrosine-protein kinase FRT; tyrosine-protein kinase receptor FLT; vascular permeability factor receptor;

Gene ID 2321

mRNA Refseq NM_001159920

Protein Refseq NP_001153392

MIM 165070

UniProt ID P17948

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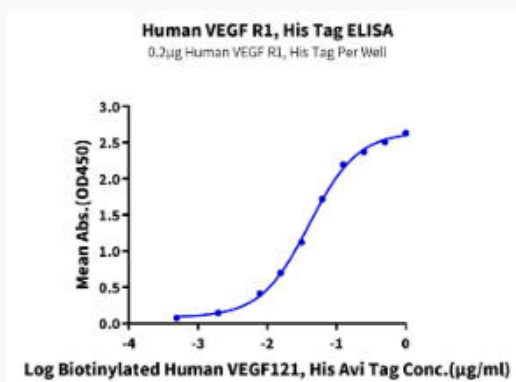
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Bis-Tris PAGE



ELISA Data



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