

Recombinant Human FLT4 protein, His-Avi-tagged

Cat. No. FLT4-5232H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLT4 protein(P35916-1)(Tyr25-Ile776), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Tyr25-Ile776
Tag	C-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Human VEGF R3, His Tag immobilized on CM5 Chip can bind Human VEGF-C, His Tag with an affinity constant of 0.29 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 87.4 kDa. Due to glycosylation, the protein migrates to 110-130 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [FLT4 fms-related tyrosine kinase 4 \[Homo sapiens \]](#)

Official Symbol [FLT4](#)

Synonyms

FLT4; fms-related tyrosine kinase 4; vascular endothelial growth factor receptor 3; PCL; VEGFR3; FLT-4; VEGFR-3; soluble VEGFR3 variant 1; soluble VEGFR3 variant 2; soluble VEGFR3 variant 3; fms-like tyrosine kinase 4; tyrosine-protein kinase receptor FLT4; FLT41; LMPH1A;

Gene ID [2324](#)

mRNA Refseq [NM_002020](#)

Protein Refseq [NP_002011](#)

MIM [136352](#)

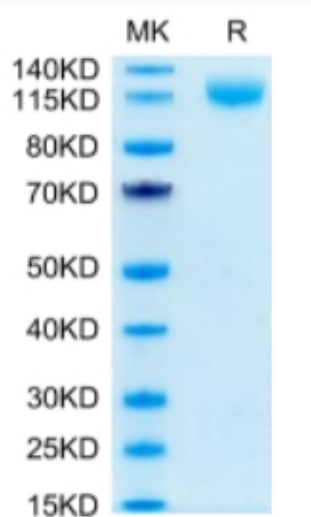
UniProt ID [P35916](#)

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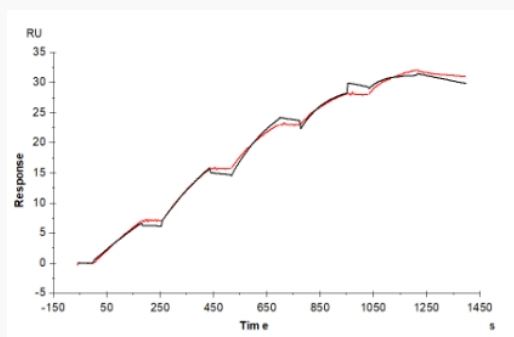
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Tris-Bis PAGE



SPR Data



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