

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

Cat. No. VEGFC-4633H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VEGFC protein(Q6FH59)(103-227 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	103-227 aa
Form	Lyophilized from 0.22µm filtered solution in 50mM MES, 150mM NaCl (pH 6.0). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human VEGF-C, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human VEGF R3, hFc Tag with the EC50 of 11.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 17.1 kDa. Due to glycosylation, the protein migrates to 23-30 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
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name VEGFC vascular endothelial growth factor C [Homo sapiens]

Official Symbol VEGFC

Synonyms VEGFC; vascular endothelial growth factor C; VRP; VEGF-C; FLT4 ligand DHM; vascular endothelial growth factor-related protein; Flt4-L;

Gene ID 7424

mRNA Refseq NM_005429

Protein Refseq NP_005420

MIM 601528

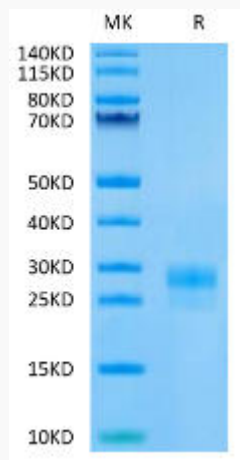
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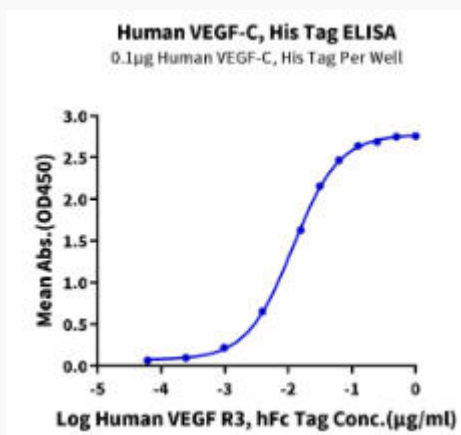
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Bis-Tris PAGE



ELISA Data



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