

Recombinant Human VEGFC protein, His-Avi-tagged

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

SPECIFICATION

Product Overview	Recombinant Human VEGFC protein(Q6FH59)(Thr103-Arg227), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Thr103-Arg227
Tag	C-His-Avi
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 17.9ng/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 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

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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual 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 50mM MES, 150mM NaCl (pH 6.0).

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
UniProt ID	P49767

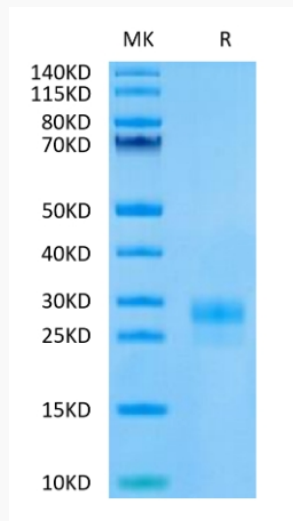
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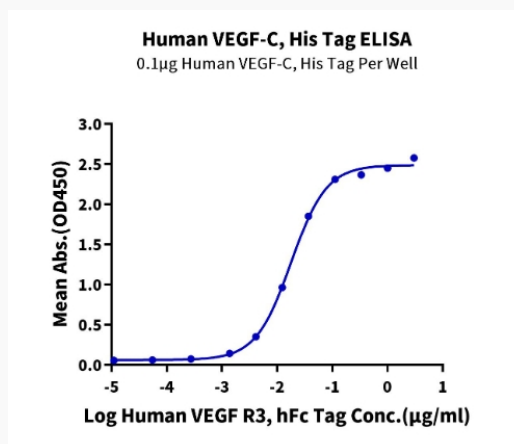
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Tris-Bis PAGE



ELISA Data



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