

Active Recombinant Human VEGFA protein, Low Endotoxin

Cat. No. VEGFA-362H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VEGFA protein(P15692-4)(27-191 aa) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-191 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human VEGF165 at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human VEGFR1, His Tag with the EC50 of 46.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 19.2 kDa. Due to glycosylation, the protein migrates to 20-30 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; > 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 VEGFA vascular endothelial growth factor A [Homo sapiens]

Official Symbol VEGFA

Synonyms VEGFA; vascular endothelial growth factor A; vascular endothelial growth factor, VEGF; VEGF A; VPF; vascular permeability factor; VEGF; MVCD1; MGC70609;

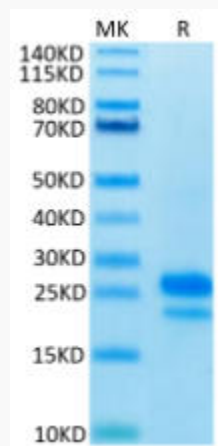
Gene ID 7422

mRNA Refseq NM_001025366

Protein Refseq NP_001020537

UniProt ID P15692

Bis-Tris PAGE

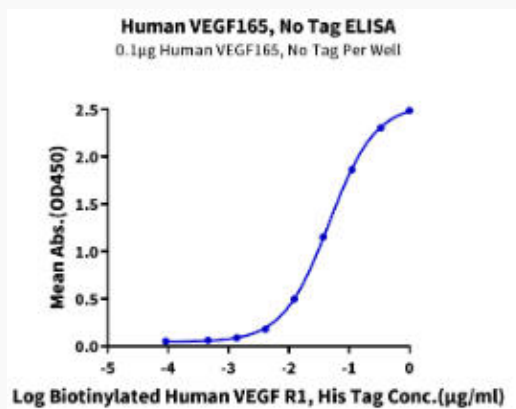


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ELISA Data



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