

Recombinant Human VEGFA protein

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

SPECIFICATION

Product Overview	Recombinant Human VEGFA protein(P15692-4)(Ala27-Arg191) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala27-Arg191
Tag	Non
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human VEGF165 at 1ug/ml (100ul/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 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

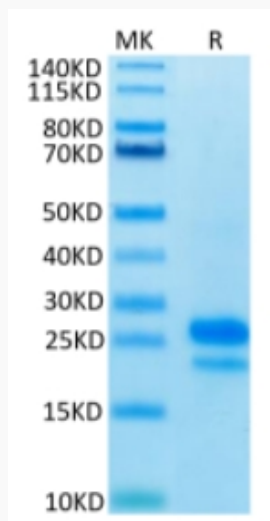
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

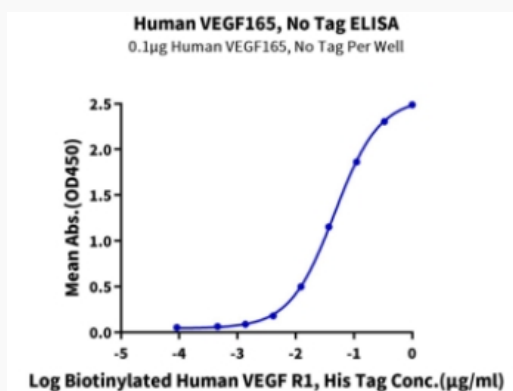
 45-1 Ramsey Road, Shirley, NY 11967, USA

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 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

Tris-Bis PAGE



ELISA Data



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