

## Recombinant Human VEGFA protein

Cat. No. VEGFA-406H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human VEGFA protein(P15692-9) (Met1-Arg147) was expressed in Human Cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-147 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Molecular Mass</b>	The recombinant human VEGF consists of 121 amino acids and has a predicted molecular mass of 14 kDa. The apparent molecular mass of the human VEGF 121 is approximately 19.9 and 17.0 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	(55.6 + 41.6) % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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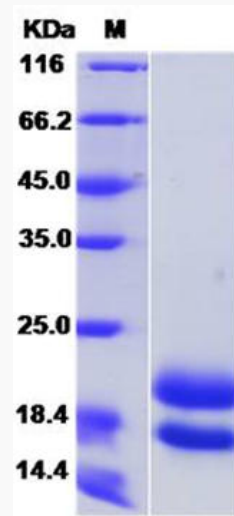
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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	VEGFA vascular endothelial growth factor A [ Homo sapiens ]
<b>Official Symbol</b>	VEGFA
<b>Synonyms</b>	VEGFA; vascular endothelial growth factor A; vascular endothelial growth factor, VEGF; VEGF A; VPF; vascular permeability factor; VEGF; MVCD1; MGC70609;
<b>Gene ID</b>	7422
<b>mRNA Refseq</b>	NM_001025366
<b>Protein Refseq</b>	NP_001020537
<b>UniProt ID</b>	P15692

## SDS-PAGE



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