

Recombinant Human VEGFA protein

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

SPECIFICATION

Product Overview	Recombinant Human VEGFA protein(P15692-9) (Met1-Arg147) was expressed in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	1-147 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	(55.6 + 41.6) % as determined by SDS-PAGE
Storage	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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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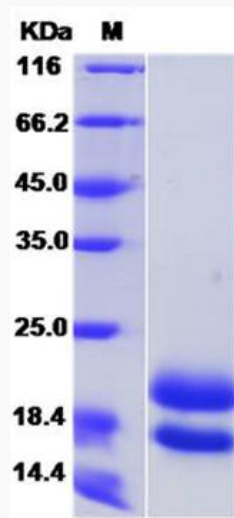
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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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

SDS-PAGE



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