

Active GMP Recombinant Human VEGFA protein

Cat. No. VEGFA-332HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human VEGFA protein(NP_001165097.1)(193 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human VEGF165(NP_001165097.1) was expressed with His tag at the C-terminal.
Bio-activity	It is determined by dose-dependent stimulation of the proliferation of human umbilical vein endothelial cells (HUVEC), and the concentration range is 1.0-8.0 ng/mL
Molecular Mass	Recombinant Human VEGF165 contains 193 aa. It has a predicted MW of 22.3 kDa.
Endotoxin	<=0.01EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	VEGFA vascular endothelial growth factor A [Homo sapiens (human)]
Official Symbol	VEGFA
Synonyms	VPF; VEGF; MVCD1
Gene ID	7422
mRNA Refseq	NM_001171626.1
Protein Refseq	NP_001165097.1
MIM	192240
UniProt ID	P15692

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