

Recombinant Human VEGFA Protein, GMP Grade, Animal-Free

Cat. No. VEGFA-42HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human VEGFA protein with out tag was expressed in E. coli and manufactured using animal-derived component free materials. Recombinant Human VEGF165 is a 38.2 kDa, disulfide-linked homodimeric protein consisting of two 165 amino acid polypeptide chains.
Species	Human
Source	E.coli
ProteinLength	165 amino acid
Description	VEGF is a potent growth and angiogenic cytokine. It stimulates proliferation and survival of endothelial cells, and promotes angiogenesis and vascular permeability.
Molecular Mass	38.2 kDa
AA Sequence	APMAEGGGQNHHEVVKFMDVYQRSYCHPIETLVDIFQEYYPDEIEYIFKPSCVPLMRC GGCCNDEGLECVPTTEESNITMQIMRIKPHQGQHIGEMSFLQHNKCECRPKKDRARQ ENPCGPCSERRKHLFVQDPQTCKCSCKNTDSRCKARQLELNERTCRCDKPRR
Purity	≥ 98% by SDS-PAGE gel and HPLC analyses.

GENE INFORMATION

Gene Name	VEGFA vascular endothelial growth factor A [Homo sapiens (human)]
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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
MIM	192240
UniProt ID	P15692

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