

## Active GMP Recombinant Human VEGFA Protein

Cat. No. VEGFA-01HG Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active GMP Recombinant Human VEGFA Protein(P15692)(27-191 aa) was expressed in CHO.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	27-191 aa
<b>Form</b>	PBS, 5% mannitol and 0.01% Tween 80, pH 7.4
<b>Bio-activity</b>	Measured in a cell proliferation assay using HUVEC human umbilicveinendothelial cells. The ED50 for this effect is 0.2-5 ng/mL.
<b>Molecular Mass</b>	19.1kDa
<b>AASequence</b>	APMAEGGGQNHHEVVKFMDVYQRSYCHPIETLVDIFQEYPDEIEYIFKPSCVPLMRC GGCCNDEGLECVPTTEESNITMQIMRIKPHQGQHIGEMSFLQH NKCECRPKKDRARQ ENPCGPCSERRKHLFVQDPQTCKCSCKNTDSRCKARQLELNERTCRC DKPRR
<b>Endotoxin</b>	≤10 EU/mg by the LAL method
<b>Purity</b>	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)

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**Storage** 36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended to redissolve in sterile deionized 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

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