

Active Recombinant Human VEGFA, Met-tagged

Cat. No. VEGFA-649H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VEGFA (Accession # NP_001020541) Ala207-Arg327, fused with an N-terminal Met & Pro208-Arg327, was produced in E. coli-derived.
Species	Human
Source	E.coli
ProteinLength	207-327 a.a.
Predicted N Terminal	Met & Pro208
Form	Lyophilized from a 0.2 µm filtered solution in HCl with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using HUVEC human umbilical vein endothelial cells. Conn, G. et al. (1990) Proc. Natl. Acad. Sci. USA 87:1323. The ED50 for this effect is typically 0.5-2 ng/mL.
Molecular Mass	Recombinant Human VEGFA, Met-tagged has a calculated MW of 14 kDa (monomer).
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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

MIM
UniProt ID

P15692

**Chromosome
Location**

6p12

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