

Active Recombinant Human VEGFA, Met-tagged

Cat. No. VEGFA-425H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VEGFA (Accession # ABB58912) Ala27-Arg137, fused with an N-terminal Met & Pro28-Arg137, was produced in E. coli-derived.
Species	Human
Source	E.coli
ProteinLength	27-137;28-137 a.a.
Predicted N Terminal	Met & Pro28
Form	Lyophilized from a 0.2 µm filtered solution in Acetonitrile and TFA 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 0.6-3 ng/mL
Molecular Mass	Recombinant Human VEGFA, Met-tagged has a calculated MW of 13 kDa. In SDS-PAGE migrates as 12-13 kDa, reducing conditions.
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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months (-70°C).

Reconstitution

Reconstitute at 100 ug/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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