Active Recombinant Human VEGFA, Met-tagged

Cat. No. VEGFA-710H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VEGFA (Accession # NP_001191313) Ala27-Arg171, fused with an N-terminal Met, was produced in E. coli-derived.
Species	Human
Source	E.coli
ProteinLength	27-171 a.a.
Predicted N Terminal	Met-Ala27 & Pro28
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 12-60 ng/mL.
Molecular Mass	Recombinant Human VEGFA, Met-tagged has a calculated MW of 17 kDa (monomer). In SDS-PAGE migrates as 20 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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Reconstitution	Reconstitute at 100 µg/mL 4 mM HCl containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name	INHBA inhibin, beta A [Homo sapiens]
Official Symbol	INHBA
Synonyms	INHBA; inhibin, beta A; inhibin, beta A (activin A, activin AB alpha polypeptide); inhibin beta A chain; Inhibin, beta-1; activin beta-A chain; FSH-releasing protein; erythroid differentiation factor; erythroid differentiation protein; follicle-stimulating hormone-releasing protein; EDF; FRP;
Gene ID	3624
mRNA Refseq	NM_002192
Protein Refseq	NP_002183
MIM	147290
UniProt ID	P08476
Chromosome Location	7p15-p13

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