

Active Recombinant Feline VEGFA, Met-tagged

Cat. No. VEGFA-637F **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Feline VEGFA (Accession # NP_001009854) Ala27-Arg189, fused with an N-terminal Met, was produced in E. coli-derived.
Species	Feline
Source	E.coli
ProteinLength	27-189 a.a.
Predicted N Terminal	Met & Pro28
Form	Lyophilized from a 0.2 µ filtered solution in HCl.
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 1.2 - 6 ng/mL.
Molecular Mass	Recombinant Feline VEGFA, Met-tagged has a calculated MW of 19.2 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 (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	VEGFA vascular endothelial growth factor A [Felis catus (domestic cat)]
Official Symbol	VEGFA
Synonyms	VEGFA; vascular endothelial growth factor A; VEGF
Gene ID	493845
mRNA Refseq	NM_001009854
Protein Refseq	NP_001009854
MIM	
Chromosome Location	B2

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