

Active Recombinant Feline VEGFA, Met-tagged

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

SPECIFICATION

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| 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 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA