

Active Recombinant Zebrafish vegfaa

Cat. No. vegfaa-1019Z **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zebrafish vegfaa (Accession # O73682.1) Ala24-Arg188, fused with , was produced in Spodoptera frugiperda, Sf 21 (stably transfected)-derived.
Species	Zebrafish
Source	Sf21 Cells
ProteinLength	Ala24-Arg188
Predicted N Terminal	Ala24
Form	Lyophilized from a 0.2 μ 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. The ED50 for this effect is typically 20-60 ng/mL.
Molecular Mass	Recombinant Zebrafish vegfaa has a calculated MW of 19.2 kDa (monomer). In SDS-PAGE migrates as 22 kDa, reducing conditions.
Purity	>97%, 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).

 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

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

GENE INFORMATION

Gene Name [vegfaa vascular endothelial growth factor Aa \[Danio rerio \(zebrafish\) \]](#)

Official Symbol [vegfaa](#)

Synonyms vegf; vegfa; wu:fj82c06; vascular endothelial growth factor A-A; vascular endothelial growth factor A-A; VEGF-A-A; etlD309976.16; vascular endothelial growth factor A; vegf-a

Gene ID [30682](#)

mRNA Refseq [NM_001110349.2](#)

Protein Refseq [NP_001103819.2](#)

MIM

UniProt ID [O73682](#)

Chromosome Location chromosome: 16

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