

Active Recombinant Zebrafish VEGF165 Protein

Cat. No. VEGF165-1026Z Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant zebrafish VEGF165 (O73682-Isoform VEGF165) (Met 1-Arg188) was expressed and purified.
Species	Zebrafish
Source	Insect Cells
ProteinLength	1-188 a.a.
Predicted N Terminal	Ala 24
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.01, 5%~8% trehalose and mannitol.
Bio-activity	Measured in a cell proliferation assay using human umbilical vein endothelial cells (HUVEC). The ED50 for this effect is typically 10-30 ng/mL.
Molecular Mass	The recombinant zebrafish VEGF165 consists of 165 amino acids and has a calculated molecular mass of 19.2 kDa. It migrates as an 22 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.

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Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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