

## Active Recombinant Mouse Vegfa

**Cat. No.** Vegfa-206M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Vegfa (Accession # AAB22254) Ala27-Arg146 (Gly117Glu & Glu118Arg) was produced in E. coli-derived.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	27-146 a.a.
<b>Predicted N Terminal</b>	Ala27
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Bio-activity</b>	Measured in a cell proliferation assay using HUVEC human umbilical vein endothelial cells. The ED50 for this effect is typically 1-4 ng/mL.
<b>Molecular Mass</b>	Recombinant Mouse Vegfa has a calculated MW of 14 kDa.
<b>Purity</b>	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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).
<b>Reconstitution</b>	Reconstitute at 50 µg/mL in sterile PBS containing at least 0.1% human or bovine

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serum albumin.

## GENE INFORMATION

<b>Gene Name</b>	Vegfa vascular endothelial growth factor A [ Mus musculus ]
<b>Official Symbol</b>	Vegfa
<b>Synonyms</b>	VEGFA; vascular endothelial growth factor A; vascular permeability factor; Vpf; Vegf; Vegf120; Vegf164; Vegf188;
<b>Gene ID</b>	22339
<b>mRNA Refseq</b>	NM_001025250
<b>Protein Refseq</b>	NP_001020421
<b>MIM</b>	

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