

## Active Recombinant Mouse Vegfa protein(Met1-Arg190)

**Cat. No.** Vegfa-475M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Vegfa protein(Q00731-2)(Met1-Arg190) was expressed in Insect Cells.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Arg190
<b>similar</b>	Vegfa
<b>Alias</b>	VEGFA; vascular endothelial growth factor A; vascular permeability factor; Vpf; Vegf; Vegf120; Vegf164; Vegf188;
<b>Conjugate</b>	N/A
<b>Form</b>	Lyophilized from sterile 100mM Glycine, 10mM NaCl, pH7.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bioactivity</b>	Measured in a cell proliferation assay using human umbilical vein endothelial cells (HUVEC). The ED50 for this effect is typically 5-22 ng/mL.
<b>MolecularMass</b>	The recombinant mouse VEGF164 consists of 164 amino acids and has a calculated molecular mass of 19.4 kDa. It migrates as an 24 kDa band in SDS-

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	PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>GeneName</b>	Vegfa vascular endothelial growth factor A [ <i>Mus musculus</i> ]
<b>GeneNameWeblink</b>	<a href="#">22339</a>
<b>OfficialSymbol</b>	Vegfa
<b>OfficialSymbolWeblink</b>	<a href="#">22339</a>
<b>GenelD</b>	22339
<b>GenelDWeblink</b>	<a href="#">22339</a>
<b>mRNARefseq</b>	NM_001025250
<b>mRNARefseqWeblink</b>	<a href="#">NM_001025250.3</a>
<b>ProteinRefseqWeblink</b>	<a href="#">NP_001020421.2</a>

**MIMWeblink****UniProtID****UniProtIDWeblink**

## GENE INFORMATION

**Synonyms**

VEGFA; vascular endothelial growth factor A; vascular permeability factor; Vpf;  
Vegf; Vegf120; Vegf164; Vegf188;

**MIM**

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