Active Recombinant Mouse Vegfa protein(Met1-Arg190)

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

SPECIFICATION

Product Overview	Recombinant Mouse Vegfa protein(Q00731-2)(Met1-Arg190) was expressed in Insect Cells.
Species	Mouse
Source	Insect Cells
ProteinLength	Met1-Arg190
similar	Vegfa
Alias	VEGFA; vascular endothelial growth factor A; vascular permeability factor; Vpf; Vegf; Vegf120; Vegf164; Vegf188;
Conjugate	N/A
Form	Lyophilized from sterile 100mM Glycine, 10mM NaCl, pH7.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	Measured in a cell proliferation assay using human umbilical vein endothelial cells (HUVEC). The ED50 for this effect is typically 5-22 ng/mL.
MolecularMass	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.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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.
GeneName	Vegfa vascular endothelial growth factor A [Mus musculus]
GeneNameWeblink	22339
OfficialSymbol	Vegfa
OfficialSymbolWeblink	22339
GeneID	22339
GeneIDWeblink	22339
mRNARefseq	NM_001025250
mRNARefseqWeblink	NM_001025250.3
ProteinRefseqWeblink	NP_001020421.2

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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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