# Recombinant Mouse Vegfa Protein, None-tagged, Alexa Fluor 555 conjugated

**Cat. No.** Vegfa-475MAF555 **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Alexa Fluor 555 conjugated recombinant Mouse Vegfa (Q00731-2) (Met 1-Arg 190), fused with no tag, was produced in Baculovirus-Insect cells. |
| **Species** | Mouse |
| **Source** | Insect Cells |
| **ProteinLength** | 164 |
| **Form** | Lyophilized |
| **Molecular Mass** | 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-PAGE under reducing conditions. |
| **Endotoxin** | < 1.0 EU/ μg of the protein as determined by the LAL method. |
| **Characteristic** | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 555 via amines<br>With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters. |
| **Stability** | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |

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| **Storage** | Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Storage Buffer** | Lyophilized from sterile 20 mM HAC-NaAC, 500 mM NaCl, pH 6.5 |
| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| **Conjugation** | Alexa Fluor 555 |

## GENE INFORMATION

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| **Gene Name** | Vegfa vascular endothelial growth factor A [ Mus musculus ] |
| **Official Symbol** | Vegfa |
| **Gene ID** | 22339 |
| **mRNA Refseq** | NM_001025250 |
| **Protein Refseq** | NP_001020421 |

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