

Recombinant Human VEGFA Protein, None-tagged, Alexa Fluor 555 conjugated

Cat. No. VEGFA-548HAF555 **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Alexa Fluor 555 conjugated recombinant human VEGFA (P15692-9) (Met 1-Arg 147), fused with no tag, was produced in Baculovirus-Insect cells. |
| Species | Human |
| Source | Insect Cells |
| ProteinLength | 121 |
| Form | Lyophilized |
| Molecular Mass | The recombinant human VEGF consists of 121 amino acids and has a predicted molecular mass of 14 kDa. The apparent molecular mass of the human VEGF121 is approximately 16-20 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| Endotoxin | < 1.0 EU/ µg of the protein as determined by the LAL method. |
| Characteristic | Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines 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. |

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|-----------------------|---|
| Stability | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |
| 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 100 mM Glycine, 10 mM NaCl, pH 7.0 |
| 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 [Homo sapiens] |
| Official Symbol | VEGFA |
| Gene ID | 7422 |
| mRNA Refseq | NM_001025366 |
| Protein Refseq | NP_001020537 |
| UniProt ID | P15692 |

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