

# Recombinant Human VEGFA Protein, None-tagged, Alexa Fluor 647 conjugated

**Cat. No.** VEGFA-548HAF647    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Alexa Fluor 647 conjugated recombinant human VEGFA (P15692-9) (Met 1-Arg 147), fused with no tag, was produced in Baculovirus-Insect cells.                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                        |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 121                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 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. |
| <b>Endotoxin</b>        | < 1.0 EU/ µg of the protein as determined by the LAL method.                                                                                                                                                                                 |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 647 via amines<br>Excitation = 650 nm<br>Emission = 668 nm                                                                                                                            |
| <b>Stability</b>        | Samples are stable for up to 12 months from date of receipt at -70 centigrade.                                                                                                                                                               |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | 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.       |
| <b>Storage Buffer</b> | Lyophilized from sterile 100 mM Glycine, 10 mM NaCl, pH 7.0                                                                                                               |
| <b>Reconstitution</b> | 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. |
| <b>Conjugation</b>    | Alexa Fluor 647                                                                                                                                                           |

## GENE INFORMATION

|                        |                                                             |
|------------------------|-------------------------------------------------------------|
| <b>Gene Name</b>       | VEGFA vascular endothelial growth factor A [ Homo sapiens ] |
| <b>Official Symbol</b> | VEGFA                                                       |
| <b>Gene ID</b>         | 7422                                                        |
| <b>mRNA Refseq</b>     | NM_001025366                                                |
| <b>Protein Refseq</b>  | NP_001020537                                                |
| <b>UniProt ID</b>      | P15692                                                      |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA