

## Recombinant Human VEGFA Protein, Fc-tagged

Cat. No. VEGFA-35H    Lot. No. (See product label)

### SPECIFICATION

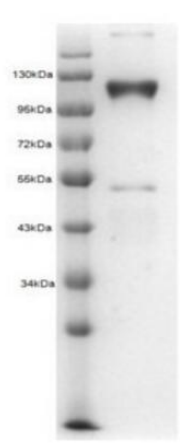
|                         |                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant VEGF165-Fc protein contains 403 amino acids which was expressed from vegf165 gene fused with Fc region of human IgG1 at its C-terminus was produced in a mammalian cell line.                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 49KDa                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | Greater than 95% by SDS-PAGE                                                                                                                                                                                                                               |
| <b>Storage</b>          | Upon reconstitution, the preparation is stable for up to 1 month at 2-8 centigrade. For long term storage, apportion the reconstituted preparation into working aliquots and store at -20 centigrade to -70 centigrade. Avoid repeated freeze/thaw cycles. |
| <b>Storage Buffer</b>   | Lyophilized from a 0.22µm filtered solution at a concentration of 1mg/ml in PBS.                                                                                                                                                                           |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water to a concentration of 1.0 mg/ml.                                                                          |
| <b>Shipping</b>         | The Product is shipped at ambient temperature.                                                                                                                                                                                                             |

### GENE INFORMATION

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

|                        |                                                                                                                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | VEGFA vascular endothelial growth factor A [ Homo sapiens (human) ]                                                                                                                                                 |
| <b>Official Symbol</b> | VEGFA                                                                                                                                                                                                               |
| <b>Synonyms</b>        | VEGFA; vascular endothelial growth factor A; VPF; VEGF; MVCD1; vascular endothelial growth factor A; vascular endothelial growth factor A121; vascular endothelial growth factor A165; vascular permeability factor |
| <b>Gene ID</b>         | 7422                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>     | NM_001025370                                                                                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_001020541                                                                                                                                                                                                        |
| <b>MIM</b>             | 192240                                                                                                                                                                                                              |
| <b>UniProt ID</b>      | P15692                                                                                                                                                                                                              |
| <b>SDS-PAGE</b>        |                                                                                                                                 |

The purity of recombinant VEGF165-Fc  
10% SDS-PAGE 2g of VEGF165-Fc.

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