

## Active Recombinant Human VEGF165 Protein, Low Endotoxin

Cat. No. VEGF165-1004H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human VEGF165 Protein(P15692-4)(Ala27-Arg191) is expressed from HEK293 without tag.                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 27-191 aa                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).                                                                                                                                                              |
| <b>Bio-activity</b>     | Measured by a reporter gene assay using HEK293T-KDR-NFAT Cell line. The ED50 for this effect is < 10 ng/mL.                                                                                                             |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 19.2 kDa. Due to glycosylation, the protein migrates to 20-30 kDa based on Bis-Tris PAGE result.                                                                                      |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                                                             |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC                                                                                                                                                        |
| <b>Storage</b>          | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

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

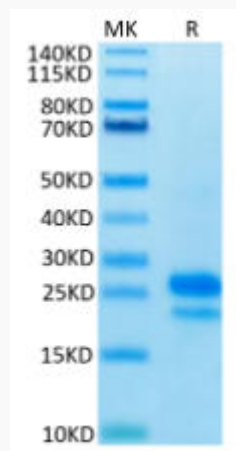
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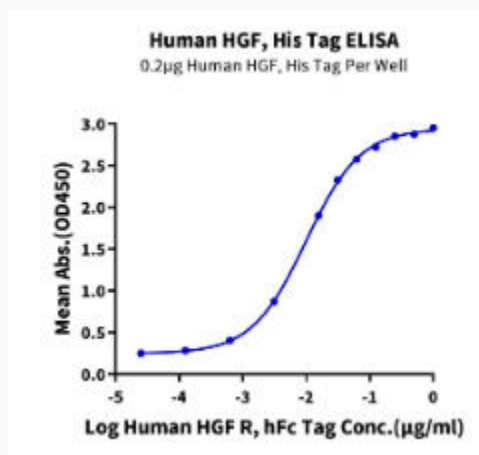
## Reconstitution

Dissolve the lyophilized protein in distilled water.

## Bis-Tris PAGE



## Cell Based Assay



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