

## Recombinant Human FIGF, His tagged

Cat. No. FIGF-212H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human FIGF mature form (NP_004460.1) (Phe 93-Ser 201), fused with a C-terminal polyhistidine tag, was produced in Human Cell.                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                        |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 93-201 a.a.                                                                                                                                                                                                                                  |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | The recombinant mature form of human VEGFD consists of 120 amino acids and has a predicted molecular mass of 13.6 kDa. In SDS-PAGE under reducing conditions, it migrates with an apparent molecular mass of 20-22 kDa due to glycosylation. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                                              |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                                                    |
| <b>Storage</b>          | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                    |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                             |

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## GENE INFORMATION

|                 |                                                                                          |
|-----------------|------------------------------------------------------------------------------------------|
| Gene Name       | FIGF c-fos induced growth factor (vascular endothelial growth factor D) [ Homo sapiens ] |
| Official Symbol | FIGF                                                                                     |
| Gene ID         | 2277                                                                                     |
| mRNA Refseq     | NM_004469                                                                                |
| Protein Refseq  | NP_004460                                                                                |
| MIM             | 300091                                                                                   |
| UniProt ID      | O43915                                                                                   |

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