

# Recombinant Full Length Human FIGF Protein, GST-tagged

**Cat. No.** FIGF-5105HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human FIGF full-length ORF ( AAH27948, 1 a.a. - 354 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 354 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family and is active in angiogenesis, lymphangiogenesis, and endothelial cell growth. This secreted protein undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-2 and VEGFR-3 receptors. This protein is structurally and functionally similar to vascular endothelial growth factor C. [provided by RefSeq |
| <b>Molecular Mass</b>   | 64.68 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MYREWVVNVFMMLYVQLVQGSSNEHGPVKRSSQSTLERSEQQIRAASSLEELLRI<br>THSEDWKLWRCRLRLKSFTSMDSRSASHRSTRFAATFYDIETLKVIDEEWQRTQCS<br>PRETCVEVASELGKSTNTFFKPPCVNVFRCGGCCNEESLICMNTSTSYISKQLFEISV<br>PLTSVPELVPVKVANHTGCKCLPTAPRHPYSIIRRSIQIPEEDRCSHKKLCPIDMLW<br>DSNKCKCVLQEEENPLAGTEDHSHLQEPALCGPHMMFDEDRCECVCKTPCPKDLIQ<br>HPKNCSCFECKESLETCCQKHKLFPDTCSCEDRCPFHTRPCASGKTACAKHCRF<br>PKEKRAAQGPHSRKNP                                                                                                                |

 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>Applications</b>   | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.                                            |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                          |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                          |

## GENE INFORMATION

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

 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