# Recombinant Human FIGF Protein, GST-tagged

**Cat. No.** FIGF-4170H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human FIGF full-length ORF ( AAH27948, 1 a.a. - 354 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | Wheat Germ |
| **Description** | 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 |
| **Molecular Mass** | 64.68 kDa |
| **AA Sequence** | MYREWVVVNVFMMLYVQLVQGSSNEHGPVKRSSQSTLERSEQQIRAASSLEELLRI THSEDWKLWRCRLRLKSFTSMDSRSASHRSTRFAATFYDIETLKVIDEEWQRTQCS PRETCVEVASELGKSTNTFFKPPCVNVFRCGGCCNEESLICMNTSTSYISKQLFEISV PLTSVPELVPVKVANHTGCKCLPTAPRHPYSIIRRSIQIPEEDRCSHSKKLCPIDMLW DSNKCKCVLQEENPLAGTEDHSHLQEPALCGPHMMFDEDRCECVCKTPCPKDLIQ HPKNCSCFECKESLETCCQKHKLFHPDTCSCEDRCPFHTRPCASGKTACAKHCRF PKEKRAAQGPHSRKNP |
| **Applications** | Enzyme-linked Immunoabsorbent Assay |

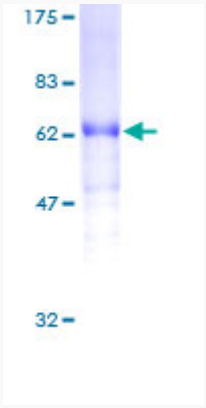
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| | Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and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

## GENE INFORMATION

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

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| **Quality Control Testing** | <br>12.5% SDS-PAGE Stained with Coomassie Blue. |

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