

Recombinant Full Length Human FIGF Protein, GST-tagged

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

SPECIFICATION

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	In Vitro Cell Free System
ProteinLength	354 amino acids
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	MYREWVVNVFMMLYVQLVQGSSNEHGPKVRSSQSTLERSEQQIRAASSLEELLRI THSEDWKLWRCRLRLKSFTSMDSRASHRSTRFAATFYDIETLKVIDEEWQRTQCS PRETCVEVASELGKSTNTFFKPPCVNVFRCGGCCNEESLICMNTSTSYISKQLFEISV PLTSVPELVPVKVANHTGCKCLPTAPRHPYSIIRRSIQIPEEDRCSHKKLCPIDMLW DSNKCKCVLQEEENPLAGTEDHSHLQEPALCGPHMMFDEDRCECVCKTPCPKDLIQ HPKNCSCFECKESLETCCQKHKLFPDTCSCEDRCPFHTRPCASGKTACAKHCRF PKEKRAAQGPHSRKNP

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production 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	
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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