

Active Recombinant Human FIGF

Cat. No. FIGF-167H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FIGF was expressed in E. coli.
Species	Human
Source	E.coli
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. Read-through transcription has been observed between this locus and the upstream PIR (GeneID 8544) locus.
Form	Lyophilized protein
Bio-activity	N/A
Molecular Mass	N/A
Endotoxin	<0.1>
Purity	≥98%

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Usage	For Research Use Only! Not to be used in humans.
Storage	-20°C
Reconstitution	Reconstitute in dH ₂ O to a concentration of 0.1-1.0 mg/ml. The solution should be stored at -70°C.
Shipping	Gel pack

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; VEGF-D; vascular endothelial growth factor D; c-fos-induced growth factor; OTTHUMP00000022960
Gene ID	2277
mRNA Refseq	NM_004469
Protein Refseq	NP_004460
MIM	300091
UniProt ID	O43915
Chromosome Location	Xp22.31

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Pathway	Bladder cancer; Cytokine-cytokine receptor interaction; Focal adhesion; Pancreatic cancer; Pathways in cancer; Renal cell carcinoma; mTOR signaling pathway;
Function	growth factor activity; platelet-derived growth factor receptor binding; protein homodimerization activity; vascular endothelial growth factor receptor 3 binding

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