

Product datasheet for **RC206549L3V**

FIGF (VEGFD) (NM_004469) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FIGF (VEGFD) (NM_004469) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VEGFD
Synonyms:	FIGF; VEGF-D
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004469
ORF Size:	1062 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206549).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_004469.2
RefSeq Size:	2084 bp
RefSeq ORF:	1065 bp
Locus ID:	2277
UniProt ID:	O43915
Cytogenetics:	Xp22.2
Protein Families:	Druggable Genome, Secreted Protein



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Protein Pathways:	Bladder cancer, Cytokine-cytokine receptor interaction, Focal adhesion, mTOR signaling pathway, Pancreatic cancer, Pathways in cancer, Renal cell carcinoma
MW:	40.4 kDa
Gene Summary:	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. [provided by RefSeq, Feb 2011]