

Product datasheet for **RC203750L2V**

FGF19 (NM_005117) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FGF19 (NM_005117) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FGF19
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005117
ORF Size:	648 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203750).
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_005117.2
RefSeq Size:	2157 bp
RefSeq ORF:	651 bp
Locus ID:	9965
UniProt ID:	O95750
Cytogenetics:	11q13.3
Protein Families:	Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Secreted Protein, Transmembrane
Protein Pathways:	MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton



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MW: 24 kDa

Gene Summary: The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes including embryonic development cell growth, morphogenesis, tissue repair, tumor growth and invasion. This growth factor is a high affinity, heparin dependent ligand for FGFR4. Expression of this gene was detected only in fetal but not adult brain tissue. Synergistic interaction of the chick homolog and Wnt-8c has been shown to be required for initiation of inner ear development. [provided by RefSeq, Jul 2008]