

Product datasheet for **RC215757L2V**

FGF22 (NM_020637) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FGF22 (NM_020637) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FGF22
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_020637
ORF Size:	510 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215757).
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_020637.1
RefSeq Size:	513 bp
RefSeq ORF:	513 bp
Locus ID:	27006
UniProt ID:	Q9HCT0
Cytogenetics:	19p13.3
Protein Families:	Secreted Protein
Protein Pathways:	MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton
MW:	17.1 kDa



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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. The mouse homolog of this gene was found to be preferentially expressed in the inner root sheath of the hair follicle, which suggested a role in hair development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]