Product datasheet for RC221629L1V

FGF16 (NM_003868) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FGF16 (NM_003868) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FGF16
Synonyms:	FGF-16; MF4
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_003868
ORF Size:	621 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221629).
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_003868.1, NP_003859.1
RefSeq Size:	624 bp
RefSeq ORF:	624 bp
Locus ID:	8823
UniProt ID:	O43320
Cytogenetics:	Xq21.1
Protein Families:	Secreted Protein
Protein Pathways:	MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton

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MW: 23.6 kDa

Gene Summary: This gene encodes a member of a family of proteins that are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene is expressed in cardiac cells and is required for proper heart development. Mutation in this gene was also observed in individuals with metacarpal 4-5 fusion. [provided by RefSeq, Mar 2014]