

Product datasheet for **RC226316L4V**

FAM65B (RIPOR2) (NM_014722) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FAM65B (RIPOR2) (NM_014722) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RIPOR2
Synonyms:	C6orf32; DFNB104; DIFF40; DIFF48; FAM65B; MYONAP; PL48
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014722
ORF Size:	3204 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226316).
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_014722.2
RefSeq ORF:	3207 bp
Locus ID:	9750
UniProt ID:	Q9Y4F9
Cytogenetics:	6p22.3
MW:	118.3 kDa


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Gene Summary:

This gene encodes an atypical inhibitor of the small G protein RhoA. Inhibition of RhoA activity by the encoded protein mediates myoblast fusion and polarization of T cells and neutrophils. The encoded protein is a component of hair cell stereocilia that is essential for hearing. A splice site mutation in this gene results in hearing loss in human patients. [provided by RefSeq, Sep 2016]