

## Product datasheet for **RC217971L4V**

### FEZ1 (NM\_022549) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	FEZ1 (NM_022549) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FEZ1
Synonyms:	UNC-76
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022549
ORF Size:	312 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217971).
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. <a href="#">More info</a>
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:	<a href="#">NM_022549.2</a>
RefSeq Size:	1753 bp
RefSeq ORF:	315 bp
Locus ID:	9638
UniProt ID:	<a href="#">Q99689</a>
Cytogenetics:	11q24.2
MW:	11.9 kDa



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**Gene Summary:**

This gene is an ortholog of the *C. elegans* *unc-76* gene, which is necessary for normal axonal bundling and elongation within axon bundles. Expression of this gene in *C. elegans* *unc-76* mutants can restore to the mutants partial locomotion and axonal fasciculation, suggesting that it also functions in axonal outgrowth. The N-terminal half of the gene product is highly acidic. Alternatively spliced transcript variants encoding different isoforms of this protein have been described. [provided by RefSeq, Jul 2008]