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Product datasheet for RC209731L4V

MLC1 (NM_015166) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MLC1 (NM_015166) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MLC1
Synonyms:	LVM; MLC; VL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015166
ORF Size:	1131 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC209731).`
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_015166.3
RefSeq Size:	3960 bp
RefSeq ORF:	1134 bp
Locus ID:	23209
UniProt ID:	Q15049
Cytogenetics:	22q13.33
Protein Families:	Ion Channels: Other, Transmembrane
MW:	41.2 kDa

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Gene Summary: The function of this gene product is unknown; however, homology to other proteins suggests that it may be an integral membrane transporter. Mutations in this gene have been associated with megalencephalic leukoencephalopathy with subcortical cysts, an autosomal recessive neurological disorder. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]