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Product datasheet for RC202222L1V

MAP1LC3A (NM_032514) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MAP1LC3A (NM_032514) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MAP1LC3A
Synonyms:	ATG8E; LC3; LC3A; MAP1ALC3; MAP1BLC3
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_032514
ORF Size:	363 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC202222).`
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_032514.2
RefSeq Size:	1048 bp
RefSeq ORF:	366 bp
Locus ID:	84557
UniProt ID:	Q9H492
Cytogenetics:	20q11.22
Domains:	MAP1_LC3
MW:	14.3 kDa

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Gene Summary: MAP1A and MAP1B are microtubule-associated proteins which mediate the physical interactions between microtubules and components of the cytoskeleton. MAP1A and MAP1B each consist of a heavy chain subunit and multiple light chain subunits. The protein encoded by this gene is one of the light chain subunits and can associate with either MAP1A or MAP1B. Two transcript variants encoding different isoforms have been found for this gene. The expression of variant 1 is suppressed in many tumor cell lines, suggesting that may be involved in carcinogenesis. [provided by RefSeq, Feb 2012]