

Product datasheet for **RC207356L4V**

LC3B (MAP1LC3B) (NM_022818) Human Tagged ORF Clone Lentiviral Particle

Product data:

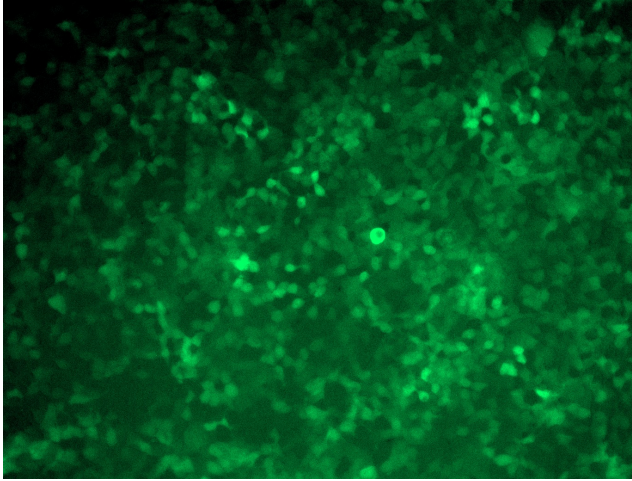
Product Type:	Lentiviral Particles
Product Name:	LC3B (MAP1LC3B) (NM_022818) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LC3B
Synonyms:	ATG8F; LC3B; MAP1A/1BLC3; MAP1LC3B-a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022818
ORF Size:	375 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207356).
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_022818.3
RefSeq Size:	2304 bp
RefSeq ORF:	378 bp
Locus ID:	81631
UniProt ID:	Q9GZQ8
Cytogenetics:	16q24.2
Domains:	MAP1_LC3
MW:	14.7 kDa



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Gene Summary:

The product of this gene is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. Studies on the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk degradation of cytoplasmic component. [provided by RefSeq, Jul 2008]

Product images:

[RC207356L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC207356L4V particle to overexpress human MAP1LC3B-mGFP fusion protein.