

Product datasheet for **KN207356BN**

LC3B (MAP1LC3B) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	LC3B
Locus ID:	81631
Components:	KN207356G1 , LC3B gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN207356G2 , LC3B gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN207356BND , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. GE100003 , scramble sequence in pCas-Guide vector
Disclaimer:	These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.
RefSeq:	NM_022818
UniProt ID:	Q9GZQ8
Synonyms:	ATG8F; LC3B; MAP1A/1BLC3; MAP1LC3B-a
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]



[View online »](#)

Product images:

