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Product datasheet for RC224622L4V

Clathrin light chain (CLTB) (NM_007097) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Clathrin light chain (CLTB) (NM_007097) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Clathrin light chain
Synonyms:	LCB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007097
ORF Size:	687 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224622).
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_007097.2
RefSeq Size:	1184 bp
RefSeq ORF:	690 bp
Locus ID:	1212
UniProt ID:	P09497
Cytogenetics:	5q35.2
Domains:	Clathrin_lg_ch
Protein Pathways:	Endocytosis, Huntington's disease, Lysosome

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MW: 25 kDa

Gene Summary: Clathrin is a large, soluble protein composed of heavy and light chains. It functions as the main structural component of the lattice-type cytoplasmic face of coated pits and vesicles which entrap specific macromolecules during receptor-mediated endocytosis. This gene encodes one of two clathrin light chain proteins which are believed to function as regulatory elements. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]