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Product datasheet for MR206982L4V

Cln3 (NM_001146311) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cln3 (NM_001146311) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cln3
Synonyms:	AI323623; batt
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001146311
ORF Size:	1317 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206982).
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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_001146311.1, NP_001139783.1
RefSeq Size:	2487 bp
RefSeq ORF:	1317 bp

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Locus ID:	12752
UniProt ID:	Q61124
Cytogenetics:	7 69.16 cM
Gene Summary:	This gene encodes a transmembrane protein called battenin that is involved in lysosomal function. Mutations in this, as well as other neuronal ceroid-lipofuscinosis genes, cause a number of neurodegenerative diseases collectively known as neuronal ceroid lipofuscinoses, the most common of which is juvenile neuronal ceroid-lipofuscinosis (Batten disease). Alternate splicing results in multiple transcript variants. [provided by RefSeq, Aug 2016]