

## Product datasheet for **RC224971L4V**

### CLN3 (NM\_001042432) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CLN3 (NM_001042432) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CLN3
Synonyms:	BTN1; BTS; JNCL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001042432
ORF Size:	1314 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224971).
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. <a href="#">More info</a>
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:	<a href="#">NM_001042432.1</a>
RefSeq Size:	1915 bp
RefSeq ORF:	1317 bp
Locus ID:	1201
UniProt ID:	<a href="#">Q13286</a>
Cytogenetics:	16p12.1
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Lysosome



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**MW:** 47.6 kDa

**Gene Summary:** This gene encodes a protein that is involved in lysosomal function. Mutations in this, as well as other neuronal ceroid-lipofuscinosis (CLN) genes, cause neurodegenerative diseases commonly known as Batten disease or collectively known as neuronal ceroid lipofuscinoses (NCLs). Many alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2008]