

Product datasheet for **MR202824L4V**

Bcl2l1 (NM_009743) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Bcl2l1 (NM_009743) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Bcl2l1
Synonyms:	Bcl; Bcl(X; Bcl(X)L; bcl-; bcl-x; Bcl-XL; bcl2-L-1; Bcl2l; BclX
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009743
ORF Size:	699 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202824).
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_009743.4
RefSeq Size:	2371 bp
RefSeq ORF:	702 bp
Locus ID:	12048
UniProt ID:	Q64373
Cytogenetics:	2 H1



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Gene Summary:

This gene encodes a member of the Bcl-2 family of apoptosis regulators. The encoded protein is localized to the inner and outer mitochondrial membranes and regulates the programmed cell death pathway during development and tissue homeostasis. This protein binds to voltage-dependent anion channels in the outer mitochondrial membrane to facilitate the uptake of calcium ions. Mice embryos lacking this gene survived for two weeks and exhibited cell death of immature hematopoietic cells and neurons. Alternative splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Jan 2014]