

Product datasheet for **RR203877L3V**

Bag1 (NM_001106647) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Bag1 (NM_001106647) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Bag1
Synonyms:	Bag-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001106647
ORF Size:	1074 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR203877).
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_001106647.3 , NP_001100117.2
RefSeq Size:	1308 bp
RefSeq ORF:	1077 bp
Locus ID:	297994
UniProt ID:	B0K019
Cytogenetics:	5q22



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Gene Summary:

The oncogene Bcl2 encodes a membrane protein that blocks a step in a pathway leading to apoptosis or programmed cell death. Studies in human and mouse suggest that the protein encoded by this gene (referred to as Bcl2-associated athanogene) binds to Bcl2 protein. It enhances the anti-apoptotic effects of Bcl2 and represents a link between growth factor receptors and anti-apoptotic mechanisms. At least two protein isoforms are encoded by this mRNA through the use of a non-AUG (CUG) start site and an alternative, downstream, AUG translation initiation site. [provided by RefSeq, Jul 2008]