

Product datasheet for **RR201723L4V**

Lactb2 (NM_001024247) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Lactb2 (NM_001024247) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Lactb2
Synonyms:	MGC112672
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001024247
ORF Size:	864 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR201723).
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_001024247.1 , NP_001019418.1
RefSeq Size:	1227 bp
RefSeq ORF:	867 bp
Locus ID:	297768
UniProt ID:	Q561R9
Cytogenetics:	5q11



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Gene Summary:

Endoribonuclease; cleaves preferentially 3' to purine-pyrimidine dinucleotide motifs in single-stranded RNA. The cleavage product contains a free 3' -OH group. Has no activity with double-stranded RNA or DNA. Required for normal mitochondrial function and cell viability. [UniProtKB/Swiss-Prot Function]