

Product datasheet for **RR213857L4V**

Rbm5 (NM_001100548) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rbm5 (NM_001100548) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Rbm5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001100548
ORF Size:	2445 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR213857).
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_001100548.1 , NP_001094018.1
RefSeq Size:	3018 bp
RefSeq ORF:	2448 bp
Locus ID:	300996
UniProt ID:	B2GV05
Cytogenetics:	8q32



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Gene Summary:

Component of the spliceosome A complex. Regulates alternative splicing of a number of mRNAs. May modulate splice site pairing after recruitment of the U1 and U2 snRNPs to the 5' and 3' splice sites of the intron. May both positively and negatively regulate apoptosis by regulating the alternative splicing of several genes involved in this process, including FAS and CASP2/caspase-2. In the case of FAS, promotes production of a soluble form of FAS that inhibits apoptosis. In the case of CASP2/caspase-2, promotes production of a catalytically active form of CASP2/Caspase-2 that induces apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]