

Product datasheet for **MR203518L4V**

Rbm7 (NM_144948) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rbm7 (NM_144948) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rbm7
Synonyms:	1200007M24Rik; 1500011D06Rik; AU041934; AW554393
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144948
ORF Size:	798 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203518).
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_144948.2 , NP_659197.2
RefSeq Size:	1810 bp
RefSeq ORF:	798 bp
Locus ID:	67010
UniProt ID:	Q9CQT2
Cytogenetics:	9 A5.3



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Gene Summary:

Subunit of the trimeric nuclear exosome targeting (NEXT) complex, a complex that directs a subset of non-coding short-lived RNAs for exosomal degradation. The RNA exosome is fundamental for the degradation of RNA in eukaryotic nuclei. Substrate targeting is facilitated by its cofactor MTREX, which links to RNA-binding protein adapters. Possible involved in germ cell RNA processing and meiosis.[UniProtKB/Swiss-Prot Function]