

Product datasheet for **RR214568L4V**

Rbm12 (NM_001037657) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rbm12 (NM_001037657) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Rbm12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001037657
ORF Size:	3096 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR214568).
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_001037657.1 , NP_001032746.1
RefSeq Size:	3822 bp
RefSeq ORF:	3099 bp
Locus ID:	652928
Cytogenetics:	3q42



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Gene Summary:

Calcium-dependent phospholipid-binding protein that plays a role in calcium-mediated intracellular processes. Involved in the TNF-alpha receptor signaling pathway in a calcium-dependent manner. Exhibits calcium-dependent phospholipid binding properties. Plays a role in neuronal progenitor cell differentiation; induces neurite outgrowth via a AKT-dependent signaling cascade and calcium-independent manner. May recruit target proteins to the cell membrane in a calcium-dependent manner. May function in membrane trafficking. Involved in TNF-alpha-induced NF-kappa-B transcriptional repression by inducing endoprotease processing of the transcription factor NF-kappa-B p65/RELA subunit. Also induces endoprotease processing of NF-kappa-B p50/NFKB1, p52/NFKB2, RELB and REL. [UniProtKB/Swiss-Prot Function]