

Product datasheet for **RR200211L4V**

Rtn3 (NM_080909) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rtn3 (NM_080909) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Rtn3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080909
ORF Size:	2820 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR200211).
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_080909.3 , NP_543185.2
RefSeq Size:	4926 bp
RefSeq ORF:	2823 bp
Locus ID:	140945
UniProt ID:	Q6RJR6
Cytogenetics:	1q43


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Gene Summary:

This gene encodes a member of the reticulon family, a large group of membrane-bound proteins that primarily localize to the endoplasmic reticulum with a small subpopulation at the cell surface. These proteins play roles in endocytosis, exocytosis, trafficking and neuronal outgrowth. Proteins belonging to this family are characterized by a carboxy-terminal reticulon homology domain that consists of a small hydrophilic loop flanked by hydrophobic regions. In rat, this protein has been shown to interact with two members of the synaptic adhesion-like molecule family, suggesting that it may function in trafficking of these proteins. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2015]