

Product datasheet for RR200211L3V

Rtn3 (NM_080909) Rat Tagged ORF Clone Lentiviral Particle

Product data:

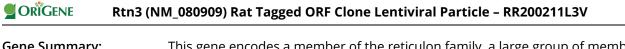
Product Type: Lentiviral Particles Product Name: Rtn3 (NM_080909) Rat Tagged ORF Clone Lentiviral Particle Symbol: Rtn3 Mammalian Cell Puromycin Selection: Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092) Tag: Myc-DDK ACCN: NM_080909 **ORF** Size: 2820 bp The ORF insert of this clone is exactly the same as(RR200211). **ORF** Nucleotide Sequence: **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 This clone was engineered to express the complete ORF with an expression tag. Expression **OTI** Annotation: 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: <u>Q6RJR</u>6 Cytogenetics: 1q43



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OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn



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]

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