

Product datasheet for **RR200093L4V**

Mrvi1 (Irag1) (NM_001105211) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mrvi1 (Irag1) (NM_001105211) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Irag1
Synonyms:	Mrvi1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001105211
ORF Size:	2760 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR200093).
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_001105211.1 , NP_001098681.1
RefSeq Size:	5935 bp
RefSeq ORF:	2763 bp
Locus ID:	308899
Cytogenetics:	1q33



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Gene Summary:

This gene is similar to a putative mouse tumor suppressor gene that is frequently disrupted by mouse AIDS-related virus (MRV). The encoded protein, which is found in the membrane of the endoplasmic reticulum, is similar to Jaw1, a lymphoid-restricted protein whose expression is down-regulated during lymphoid differentiation. Studies in mouse suggest that MRV integration at the homologous mouse gene induces myeloid leukemia by altering the expression of a gene important for myeloid cell growth and/or differentiation, and thus this gene may function as a myeloid leukemia tumor suppressor gene. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2013]