

Product datasheet for **MR208712L4V**

Riok2 (NM_025934) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Riok2 (NM_025934) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Riok2
Synonyms:	2010110K24Rik; 2410085M17Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025934
ORF Size:	1644 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208712).
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_025934.1 , NP_080210.1
RefSeq Size:	3201 bp
RefSeq ORF:	1644 bp
Locus ID:	67045
UniProt ID:	Q9CQS5
Cytogenetics:	17 A3.1



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Gene Summary:

Serine/threonine-protein kinase involved in the final steps of cytoplasmic maturation of the 40S ribosomal subunit. Involved in export of the 40S pre-ribosome particles (pre-40S) from the nucleus to the cytoplasm. Its kinase activity is required for the release of NOB1, PNO1 and LTV1 from the late pre-40S and the processing of 18S-E pre-rRNA to the mature 18S rRNA. May regulate the timing of the metaphase-anaphase transition during mitotic progression, and its phosphorylation, may regulates this function.[UniProtKB/Swiss-Prot Function]