

Product datasheet for **MR209908L4V**

Rnf139 (NM_175226) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rnf139 (NM_175226) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rnf139
Synonyms:	4930555P18Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_175226
ORF Size:	2004 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209908).
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_175226.4 , NP_780435.1
RefSeq Size:	4348 bp
RefSeq ORF:	2007 bp
Locus ID:	75841
UniProt ID:	Q7TMV1
Cytogenetics:	15 D1


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Gene Summary:

E3-ubiquitin ligase; acts as a negative regulator of the cell proliferation through mechanisms involving G2/M arrest and cell death. Required for MHC class I ubiquitination in cells expressing the cytomegalovirus protein US2 before dislocation from the endoplasmic reticulum (ER). Affects SREBP processing by hindering the SREBP/SCAP complex translocation from the ER to the Golgi, thereby reducing SREBF2 target gene expression. Required for INSIG1 ubiquitination. May be required for EIF3 complex ubiquitination. May function as a signaling receptor.[UniProtKB/Swiss-Prot Function]