

Product datasheet for **MR212907L4V**

Fam172a (NM_138312) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fam172a (NM_138312) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fam172a
Synonyms:	53-E6; 1110033M05Rik; 2610318O14Rik; 9430037D06Rik; AF064782; pEN87
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_138312
ORF Size:	1251 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR212907).
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_138312.1 , NP_612185.1
RefSeq Size:	4036 bp
RefSeq ORF:	1254 bp
Locus ID:	68675
UniProt ID:	Q3TNH5
Cytogenetics:	13 C1



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Gene Summary:

Plays a role in the regulation of alternative splicing, by interacting with AGO2 and CHD7. Seems to be required for stabilizing protein-protein interactions at the chromatin-spliceosome interface (PubMed:29311329). May have hydrolase activity (PubMed:29311329). [UniProtKB/Swiss-Prot Function]