

Product datasheet for **MR204412L4V**

Mrm3 (NM_183263) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mrm3 (NM_183263) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mrm3
Synonyms:	4833420N02Rik; AI255153; HC90; Rnmtl1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_183263
ORF Size:	936 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204412).
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_183263.1 , NP_899086.2
RefSeq Size:	1492 bp
RefSeq ORF:	1257 bp
Locus ID:	67390
UniProt ID:	Q5ND52
Cytogenetics:	11 B5



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Gene Summary:

S-adenosyl-L-methionine-dependent 2'-O-ribose methyltransferase that catalyzes the formation of 2'-O-methylguanosine at position 1370 (Gm1370) in the 16S mitochondrial large subunit ribosomal RNA (mtLSU rRNA), a conserved modification in the peptidyl transferase domain of the mtLSU rRNA.[UniProtKB/Swiss-Prot Function]