

Product datasheet for **MR209138L4V**

Mtpap (NM_026157) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Mtpap
Synonyms:	0610027A18Rik; AW551379; Papd1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026157
ORF Size:	1755 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR209138).

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_026157.2
RefSeq Size:	2651 bp
RefSeq ORF:	1758 bp
Locus ID:	67440
UniProt ID:	Q9D0D3
Cytogenetics:	18 A1



Gene Summary:

Polymerase that creates the 3' poly(A) tail of mitochondrial transcripts. Can use all four nucleotides, but has higher activity with ATP and UTP (in vitro). Plays a role in replication-dependent histone mRNA degradation. May be involved in the terminal uridylation of mature histone mRNAs before their degradation is initiated. Might be responsible for the creation of some UAA stop codons which are not encoded in mtDNA (By similarity).[UniProtKB/Swiss-Prot Function]