

## Product datasheet for **MR207222L4V**

### Timm44 (NM\_011592) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Timm44 (NM_011592) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Timm44
Synonyms:	0710005E20Rik; D8Ertd118e; Mimt44; Tim44
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011592
ORF Size:	1359 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207222).
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. <a href="#">More info</a>
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:	<a href="#">NM_011592.1</a> , <a href="#">NP_035722.2</a>
RefSeq Size:	1798 bp
RefSeq ORF:	1359 bp
Locus ID:	21856
UniProt ID:	<a href="#">O35857</a>
Cytogenetics:	8 1.99 cM



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**Gene Summary:**

Essential component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. Recruits mitochondrial HSP70 to drive protein translocation into the matrix using ATP as an energy source.[UniProtKB/Swiss-Prot Function]