

## Product datasheet for **MR211611L4V**

### Tdrd7 (NM\_146142) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Tdrd7 (NM_146142) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tdrd7
Synonyms:	5730495N10Rik; AI447470; PCTAIRE2BP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_146142
ORF Size:	3258 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211611).
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_146142.2</a> , <a href="#">NP_666254.1</a>
RefSeq Size:	3656 bp
RefSeq ORF:	3261 bp
Locus ID:	100121
UniProt ID:	<a href="#">Q8K1H1</a>
Cytogenetics:	4 B1



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**Gene Summary:**

Component of specific cytoplasmic RNA granules involved in post-transcriptional regulation of specific genes; probably acts by binding to specific mRNAs and regulating their translation. Required for lens transparency during lens development, by regulating translation of genes such as CRYBB3 and HSPB1 in the developing lens. Also required during spermatogenesis. [UniProtKB/Swiss-Prot Function]