

## Product datasheet for **MR209760L4V**

### Tdrd3 (NM\_172605) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Tdrd3 (NM_172605) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tdrd3
Synonyms:	4732418C03Rik; 6720468N18
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172605
ORF Size:	2229 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209760).
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_172605.3</a> , <a href="#">NP_766193.3</a>
RefSeq Size:	2717 bp
RefSeq ORF:	2232 bp
Locus ID:	219249
UniProt ID:	<a href="#">Q91W18</a>
Cytogenetics:	14 E1



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**Gene Summary:**

Scaffolding protein that specifically recognizes and binds dimethylarginine-containing proteins. In nucleus, acts as a coactivator: recognizes and binds asymmetric dimethylation on the core histone tails associated with transcriptional activation (H3R17me2a and H4R3me2a) and recruits proteins at these arginine-methylated loci. In cytoplasm, may play a role in the assembly and/or disassembly of mRNA stress granules and in the regulation of translation of target mRNAs by binding Arg/Gly-rich motifs (GAR) in dimethylarginine-containing proteins (By similarity).[UniProtKB/Swiss-Prot Function]