

Product datasheet for **MR202596L4V**

Thtpa (NM_153083) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Thtpa (NM_153083) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Thtpa
Synonyms:	AW122966; ThTP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_153083
ORF Size:	675 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202596).
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_153083.2
RefSeq Size:	2839 bp
RefSeq ORF:	675 bp
Locus ID:	105663
UniProt ID:	Q8JZL3
Cytogenetics:	14 C3



[View online »](#)

Gene Summary:

This gene encodes a cytosolic enzyme that catalyzes the conversion of thiamine triphosphate to thiamine diphosphate. The encoded protein requires divalent cations for enzymatic activity. The gene product is believed to play a role in regulation of thiamine triphosphate intracellular concentration, and it may be a messenger in cell signaling in response to cellular stress. [provided by RefSeq, Mar 2010]