

## Product datasheet for **MR202256L3V**

### Thap1 (NM\_199042) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Thap1 (NM_199042) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Thap1
Synonyms:	4833431A01Rik; AW490810
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_199042
ORF Size:	633 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202256).
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_199042.1</a>
RefSeq Size:	2267 bp
RefSeq ORF:	633 bp
Locus ID:	73754
UniProt ID:	<a href="#">Q8CHW1</a>
Cytogenetics:	8 A2



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**Gene Summary:**

DNA-binding transcription regulator that regulates endothelial cell proliferation and G1/S cell-cycle progression. Specifically binds the 5'-[AT]NTNN[GT]GGCA[AGT]-3' core DNA sequence and acts by modulating expression of pRB-E2F cell-cycle target genes, including RRM1. Component of a THAP1/THAP3-HCFC1-OGT complex that is required for the regulation of the transcriptional activity of RRM1. May also have pro-apoptotic activity by potentiating both serum-withdrawal and TNF-induced apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]