

## Product datasheet for **RC228099L4V**

### THAP4 (NM\_001164356) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	THAP4 (NM_001164356) Human Tagged ORF Clone Lentiviral Particle
Symbol:	THAP4
Synonyms:	CGI-36; Nb(III); PP238
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001164356
ORF Size:	495 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228099).
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_001164356.1</a> , <a href="#">NP_001157828.1</a>
RefSeq ORF:	498 bp
Locus ID:	51078
UniProt ID:	<a href="#">Q8WY91</a>
Cytogenetics:	2q37.3
MW:	18.4 kDa


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**Gene Summary:**

In vitro catalyzes the heme-based conversion of peroxynitrite into nitrate/NO<sub>3</sub><sup>-</sup>. May be involved in the detoxification of peroxynitrite which is responsible for the nitration of L-free tyrosine (PubMed:30524950). Also selectively binds nitric oxide/NO in vitro (PubMed:30524950).[UniProtKB/Swiss-Prot Function]