

## Product datasheet for **RC201505L4V**

### **THEM2 (ACOT13) (NM\_018473) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	THEM2 (ACOT13) (NM_018473) Human Tagged ORF Clone Lentiviral Particle
Symbol:	THEM2
Synonyms:	HT012; PNAS-27; THEM2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018473
ORF Size:	420 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201505).
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_018473.2</a>
RefSeq Size:	4118 bp
RefSeq ORF:	423 bp
Locus ID:	55856
UniProt ID:	<a href="#">Q9NPJ3</a>
Cytogenetics:	6p22.3
Domains:	4HBT
MW:	15 kDa



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**Gene Summary:**

This gene encodes a member of the thioesterase superfamily. In humans, the protein co-localizes with microtubules and is essential for sustained cell proliferation. The orthologous mouse protein forms a homotetramer and is associated with mitochondria. The mouse protein functions as a medium- and long-chain acyl-CoA thioesterase. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, May 2009]