

Product datasheet for RC201505L4V

OriGene Technologies, Inc.

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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

The ORF insert of this clone is exactly the same as(RC201505).

Sequence:

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: <u>NM 018473.2</u>

 RefSeq Size:
 4118 bp

 RefSeq ORF:
 423 bp

 Locus ID:
 55856

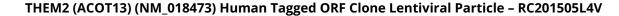
 UniProt ID:
 Q9NPJ3

Cytogenetics: 6p22.3

Domains: 4HBT

MW: 15 kDa







Gene Summary:

This gene encodes a member of the thioesterase superfamily. In humans, the protein colocalizes 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]