

Product datasheet for **TP301505M**

THEM2 (ACOT13) (NM_018473) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human thioesterase superfamily member 2 (THEM2), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC201505 protein sequence
Red=Cloning site **Green**=Tags(s)

MTSMTQSLREVIKAMTKARNFERVLGKITLVSAAPGKVICEMKVEEHTNAIGTLHGGLTATLVDNISTM
ALLCTERGAPGVSVDNMNITYMSPAKLGEDIVITAHVLKQGKTLAFTSVDLTNKATGKLI AQGRHTKHLGN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 14.8 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_060943](#)

Locus ID: 55856

UniProt ID: [Q9NPI3](#)

RefSeq Size: 4118

Cytogenetics: 6p22.3



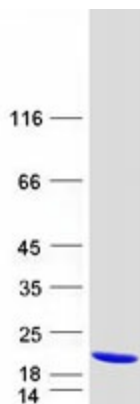
[View online »](#)

RefSeq ORF: 420

Synonyms: HT012; PNAS-27; THEM2

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]

Product images:



Coomassie blue staining of purified ACOT13 protein (Cat# [TP301505]). The protein was produced from HEK293T cells transfected with ACOT13 cDNA clone (Cat# [RC201505]) using MegaTran 2.0 (Cat# [TT210002]).