

Recombinant Human ACOT13

Cat. No. ACOT13-29997TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human THEM2 with 25 kDa proprietary tag produced in <i>Saccharomyces cerevisiae</i> amino acids 1-140 predicted MW 14.9 kDa,
Species	Human
ProteinLength	1-140 a.a.
Description	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.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM Sodium chloride, 1mM DTT, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Sequences of amino	MTSMTQSLRE VIKAMTKARN FERVLGKITL VSAAPGKVIC EMKVVEEHTN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

acids	AIGTLHGGLT ATLVDNISTM ALLCTERGAP GVSVDMNITY MSPAKLGEDI VITAHVLKQG KTLAFTSVDL TNKATGKLIA QGRHTKHLGN
Sequence Similarities	Belongs to the thioesterase Paal family.
Full Length	Full L.
GENE INFORMATION	
Gene Name	ACOT13 acyl-CoA thioesterase 13 [Homo sapiens]
Official Symbol	ACOT13
Synonyms	ACOT13; acyl-CoA thioesterase 13; THEM2, thioesterase superfamily member 2; acyl-coenzyme A thioesterase 13; HT012;
Gene ID	55856
mRNA Refseq	NM_018473
Protein Refseq	NP_060943
Uniprot ID	Q9NPJ3
Chromosome Location	6p22.1
Function	acyl-CoA hydrolase activity; hydrolase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA