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 Saccharomyces cerevisiae 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: NoneConstituents: 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 EMKVEEEHTN

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acids	AIGTLHGGLT ATLVDNISTM ALLCTERGAP GVSVDMNITY MSPAKLGEDI VITAHVLKQG KTLAFTSVDL TNKATGKLIA QGRHTKHLGN
Sequence Similarities	Belongs to the thioesterase PaaI 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;

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