Recombinant Full Length Human ACOT13 Protein, C-Flag-tagged

Cat. No. ACOT13-2034HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ACOT13 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	14.8 kDa
AA Sequence	MTSMTQSLREVIKAMTKARNFERVLGKITLVSAAPGKVICEMKVEEEHTNAIGTLHG GLTATLVDNISTM ALLCTERGAPGVSVDMNITYMSPAKLGEDIVITAHVLKQGKTLAF TSVDLTNKATGKLIAQGRHTKHLGN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

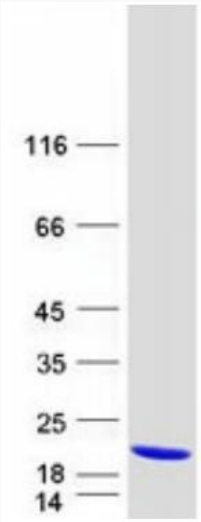
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45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	ACOT13 acyl-CoA thioesterase 13 [Homo sapiens (human)]
Official Symbol	ACOT13
Synonyms	HT012; THEM2; PNAS-27
Gene ID	55856
mRNA Refseq	NM_018473.4
Protein Refseq	NP_060943.1
MIM	615652
UniProt ID	Q9NPJ3

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Coomassie blue staining of purified ACOT13 protein.

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