

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

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

## SPECIFICATION

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

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

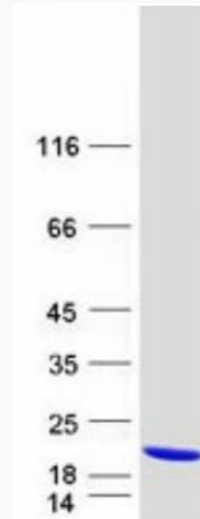
## GENE INFORMATION

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

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Coomassie blue staining of purified ACOT13 protein.

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