

# Recombinant Human ACOT13 protein(Met1-Asn140), His-tagged

**Cat. No.** ACOT13-399H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human THEM2 (NP_060943.1) (Met1-Asn140) was expressed in E. coli with a polyhistidine tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Asn140
<b>Form</b>	Lyophilized from sterile 50 mM Tris, 100 mM Arg, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human THEM2 consists of 158 amino acids and predicts a molecular mass of 17.2 KDa. It migrates as an approximately 18 KDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	ACOT13 acyl-CoA thioesterase 13 [ Homo sapiens ]
<b>Official Symbol</b>	ACOT13
<b>Synonyms</b>	ACOT13; acyl-CoA thioesterase 13; THEM2, thioesterase superfamily member 2; acyl-coenzyme A thioesterase 13; HT012; hypothalamus protein HT012; thioesterase superfamily member 2; THEM2; PNAS-27;
<b>Gene ID</b>	55856
<b>mRNA Refseq</b>	NM_001160094
<b>Protein Refseq</b>	NP_001153566
<b>UniProt ID</b>	Q9NPJ3

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