

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

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

SPECIFICATION

Product Overview	Recombinant Human THEM2 (NP_060943.1) (Met1-Asn140) was expressed in E. coli with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	Met1-Asn140
Form	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.
Molecular Mass	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.
Purity	> 85 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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

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; hypothalamus protein HT012; thioesterase superfamily member 2; THEM2; PNAS-27;
Gene ID	55856
mRNA Refseq	NM_001160094
Protein Refseq	NP_001153566
UniProt ID	Q9NPJ3

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