

## Product datasheet for **AR09669PU-L**

### **THEM2 / ACOT13 (1-140, His-tag) Human Protein**

#### **Product data:**

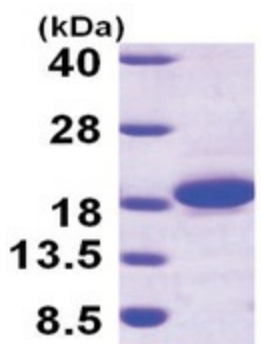
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	THEM2 / ACOT13 (1-140, His-tag) human recombinant protein, 0.25 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	<u>MGSSHHHHHH SSGLVPRGSH</u> MTSMTQSLRE VIKAMTKARN FERVLGKITL VSAAPGKVIC EMKVEEETHN AIGTLHGGLT ATLDVNISM ALLCTERGAP GVSVDMNITY MSPAKLGEDI VITAHVLKQG KTLAFTSVDL TNKATGKLI QGRHTKHLGN
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	17.1 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human ACOT13, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<u>NP_001153566</u>
<b>Locus ID:</b>	55856
<b>UniProt ID:</b>	<u>Q9NPJ3</u>
<b>Cytogenetics:</b>	6p22.3
<b>Synonyms:</b>	HT012; PNAS-27; THEM2



[View online »](#)

**Summary:**

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.[provided by RefSeq, May 2009]

**Product images:**

15% SDS-PAGE (3ug)