

## Product datasheet for **AR09669PU-N**

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

#### **Product data:**

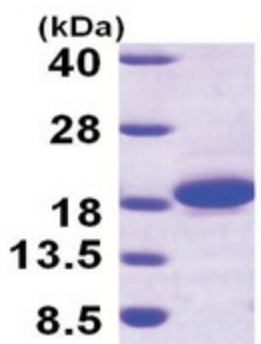
Product Type:	Recombinant Proteins
Description:	THEM2 / ACOT13 (1-140, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MTSMTQSLRE VIKAMTKARN FERVLGKITL VSAAPGKVIC EMKVEEEHTN AIGTLHGGLT ATLDVNISM ALLCTERGAP GVSVDMNITY MSPAKLGEDI VITAHVLKQG KTLAFTSVDL TNKATGKLI QGRHTKHLGN
Tag:	His-tag
Predicted MW:	17.1 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ACOT13, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001153566</u>
Locus ID:	55856
UniProt ID:	<u>Q9NPJ3</u>
Cytogenetics:	6p22.3
Synonyms:	HT012; PNAS-27; THEM2



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**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)