

Product datasheet for **TP726932**

THEM2 (ACOT13) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Acyl-Coenzyme A Thioesterase 13/ACOT13 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Thr2-Asn140
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Acyl-Coenzyme A Thioesterase 13 is produced by our Mammalian expression system and the target gene encoding Thr2-Asn140 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	55856
UniProt ID:	Q9NPJ3
Synonyms:	Acyl-Coenzyme A Thioesterase 13; Acyl-CoA Thioesterase 13; Thioesterase Superfamily Member 2; ACOT13; THEM2
Summary:	Acyl-coenzyme A thioesterase 13, also known as Thioesterase superfamily member 2, ACOT13, THEM2 and PNAS-27, is a member of the thioesterase Paal family. Acyl-CoA thioesterases catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. THEM2 is a cytoplasmic protein and exists in a homotetramer. THEM2 has been identified as an interacting protein of phosphatidylcholine transfer protein. THEM2 also regulates hepatic lipid and glucose metabolism.



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