Datasheet for ABIN7318132

THEM2 Protein (His tag)

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Overview

Quantity:	50 µg
Target:	THEM2 (ACOT13)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This THEM2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human THEM2/ACOT13 Protein (His Tag)
Sequence:	Thr 2-Asn140
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	THEM2 (ACOT13)
Alternative Name:	THEM2/ACOT13 (ACOT13 Products)
Background:	Background: 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-

Target Details

	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 exsis in a homotetramer. THEM2 has been identified as an interacting protein of phosphatidylcholine transfer protein. THEM2 also regulates hepatic lipid and glucose metabolism. Synonym: Acyl-Coenzyme A Thioesterase 13, Acyl-CoA Thioesterase 13, Thioesterase Superfamily Member 2, ACOT13, THEM2
Molecular Weight:	15.9 kDa
UniProt:	Q9NPJ3

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.