Recombinant Human ACOT13 (C-6His)

Catalog No: C891

Description	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.
Source	Human Cells
Alternative name	Acyl-Coenzyme A Thioesterase 13; Acyl-CoA Thioesterase 13; Thioesterase Superfamily Member 2; ACOT13; THEM2
Accession No.	Q9NPJ3
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
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.
Background	Acyl-coenzyme A thioesterase 13, also known as Thioesterase superfamily member 2, ACOT13, THEM2 and PNAS-27, is a member of the thioesterase PaaI 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 exsis 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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