

Recombinant Human ACOT12 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ACOT12-3440H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ACOT12 MS Standard C13 and N15-labeled recombinant protein (NP_570123) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Hydrolyzes acetyl-CoA to acetate and CoA.
Molecular Mass	62 kDa
AA Sequence	MERPAPGEVVMQSQAIPAHATARGELSAGQLLKWIDTTACLAAEKHAGVSCVTASV DDIQFEETARVGQVITIKAKVTRAFSTSMEISIKVMVQDMLTGIEKLVSVAFTFVAKP VGKEKIHLKPVTLLTEQDHVEHNLAERKVRQLQHEDTFNNLMKESSKFDDLIFDEE EGAVSTRGTSVQSIELVLPphanHHGNTFGGQIMAWMETVATISASRLCWAHPFLK SVD MFKFRGPSTVGDR LVFTAIVNNTFQTCVEVGV RVEAFDCQEWAEGRGRHINSA FLIYNAADDKENLITFPRIQPISKDDFRRYRGAIARKRIRLGRKYVISHKEEVPLCIHWD ISKQASLSDSNVEALKKLAARGWEVTSTVEKIKIYTL EEHDVLSVWVEKHV GSPAHL AYRLLSDFTKRPLWDPHFVSCEVIDWVSEDDQLYHITCPILNDDKPKDLVVLVSRRK PLKDGNTYTVAVKSVILPSVPPSPQYIRSEIICAGFLIHAIDNSCIVSYFNHMSASILPY FAGNLGGWSKSIEETAASCIQFLENPPDDGFVSTFTRTRPLEQKLISEEDLAANDILD YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ACOT12 acyl-CoA thioesterase 12 [Homo sapiens (human)]
Official Symbol	ACOT12
Synonyms	ACOT12; acyl-CoA thioesterase 12; acyl-coenzyme A thioesterase 12; Cach; StAR related lipid transfer (START) domain containing 15; STARD15; THEAL; hCACH-1; cytosolic acetyl-CoA hydrolase; acyl-CoA thioester hydrolase 12; START domain-containing protein 15; cytoplasmic acetyl-CoA hydrolase 1; StAR-related lipid transfer (START) domain containing 15; CACH-1; MGC105114;
Gene ID	134526
mRNA Refseq	NM_130767
Protein Refseq	NP_570123
MIM	614315
UniProt ID	Q8WYK0

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