

Product datasheet for PH324159

ACOT7 (NM_181866) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ACOT7 MS Standard C13 and N15-labeled recombinant protein (NP_863656)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224159
Predicted MW:	36.4 kDa
Protein Sequence:	>RC224159 representing NM_181866 Red=Cloning site Green=Tags(s) MAFQLSRIMRPDDANVAGNVHGGTILKMIEEAGAIISTRHCNSQNGERCVAALARVERTDFLSPMCIGEV AHVSAEITYTSKHSVEVQNVMSENILTGAKKLTNKATLWYVPLSLKNVDKLEVPVVSRSRQEQEEGR KRYEAQKLERMETKWRNGDIVQVLPVLPNPEPNTVSYSQSSLIHLVGPSTLHGFVHGGVTMKLMDEVAGIV AARHCKTNIVTASVDAINFHDKIRKGCVITISGRMTFTSNKSMEIEVLVDADPVDSSQKRYRAASAFFT YVLSQEGRSLPVPQLVPETEDEKKRFEEGKGRYLQMKAKRQGHAEPPQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_863656
RefSeq Size:	1376
RefSeq ORF:	987
Synonyms:	ACH1; ACT; BACH; CTE-II; hBACH; LACH; LACH1
Locus ID:	11332



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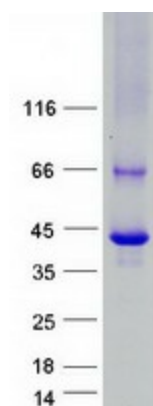
UniProt ID: [O00154](#)

Cytogenetics: 1p36.31

Summary: This gene encodes a member of the acyl coenzyme family. The encoded protein hydrolyzes the CoA thioester of palmitoyl-CoA and other long-chain fatty acids. Decreased expression of this gene may be associated with mesial temporal lobe epilepsy. Alternatively spliced transcript variants encoding distinct isoforms with different subcellular locations have been characterized. [provided by RefSeq, Jul 2008]

Protein Pathways: Biosynthesis of unsaturated fatty acids

Product images:



Coomassie blue staining of purified ACOT7 protein (Cat# [TP324159]). The protein was produced from HEK293T cells transfected with ACOT7 cDNA clone (Cat# [RC224159]) using MegaTran 2.0 (Cat# [TT210002]).