

Recombinant Human ACOT7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ACOT7-3726H **Lot. No.** (See product label)

SPECIFICATION

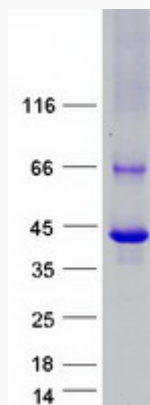
Product Overview	ACOT7 MS Standard C13 and N15-labeled recombinant protein (NP_863656) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the acyl coenzyme family. The encoded protein hydrolyzes the CoA thioester of palmitoyl-CoA 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.
Molecular Mass	36.4 kDa
AA Sequence	MAFQLSRIMRPDDANVAGNVHGGTILKMIEEAGAIISTRHCNSQNGERCVAALARVE RTDFLSPMCIGEVAHVSAEITYTSKHSVEVQNVMSSENILTGAKKLTNKATLWYVPLS LKNVDKVLEVPPVVYSRQEQEEEGRKRYEAQKLERMETKWRNGDIVQPVLNPEPN TVSYSQSSLIHLVGPSDCTLHGFVHGGVTMKLMDEVAGIVAARHCKTNIVTASVDAIN FHDKIRKGCVITISGRMTFTSNKSMEIEVLVDADPVVDSSQKRYRAASAFFTYVLSLQ EGRSLPVPQLVPETEDEKKRFEEGKGRYLQMKAKRQGHAEPPQPTRTRPLEQKLISE EDLAANDILDYKDDDDKV
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	ACOT7 acyl-CoA thioesterase 7 [Homo sapiens (human)]
Official Symbol	ACOT7
Synonyms	ACOT7; acyl-CoA thioesterase 7; cytosolic acyl coenzyme A thioester hydrolase; ACH1; ACT; BACH; brain acyl CoA hydrolase; CTE II; hBACH; LACH1; MGC1126; CTE-IIa; acyl-CoA thioesterase 2; brain acyl-CoA hydrolase; acyl-CoA thioesterase, long chain; long chain acyl-CoA thioester hydrolase; LACH; CTE-II; RP1-120G22.10;
Gene ID	11332
mRNA Refseq	NM_181866
Protein Refseq	NP_863656
MIM	602587
UniProt ID	O00154

SDS-PAGE

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