

Recombinant Human ACOT7 Protein, His-tagged

Cat. No. ACOT7-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ACOT7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
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	42.6 kDa
AA Sequence	MGSSHHHHHSSGLVPRGSHMARPLIHSAPGLPDTCALLQPPAASAAAAPSMMSG PDVETPSAIQICRIMRPDDANVAGNVHGGTILKMIEEAGAIISTRHCNSQNGERCVAA LARVERTDFLSPMCIGEVAVHVS AEITYTSKHSVEVQVNVMS ENILTGAKKLTNKATLW YVPLSLKNVDKVLEVPPVVYSRQE QEEEGRKRYEAQKLERMETKWRNGDIVQPVLN PEPNTVSYSQSSLIHLVGPSDCTLHGFVHGGVTM KLMDEVAGIVAARHCKTNIVTAS VDAINFHDKIRKGCVITISGRMTFTSNKSMEIEVLVDADPVDSSQKRYRAASAFFTY VLSLQEGRSLPVPQLVPETEDEKKRFEEGKG RYLQMKAKRQGHAEPPQ
Purity	> 95 % by SDS - PAGE

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Concentration	1 mg/mL (determined by Bradford)
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Storage Buffer	20 mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT, 0.15M NaCl.
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GENE INFORMATION

Gene Name	ACOT7 acyl-CoA thioesterase 7 [Homo sapiens (human)]
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Official Symbol	ACOT7
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Synonyms	ACOT7; acyl-CoA thioesterase 7; ACT; ACH1; BACH; LACH; LACH1; hBACH; CTE-II;
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Gene ID	11332
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mRNA Refseq	NM_007274
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Protein Refseq	NP_009205
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MIM	602587
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UniProt ID	O00154
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