

Recombinant Human ACOT9 protein, His-tagged

Cat. No. ACOT9-3818H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACOT9 protein(1-212 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-212 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MRRAALRLCALGKGQLTPGRGLTQGPQNPKKQGIFHIHEVRDKLREIVGASTNWRD HVKAMEERKLLHSFLAKSQDGLPPRRMKDSYIEVLLPLGSEPELREKYLTQNTVRF GRILEDLDLGLGVLCYMHNKIHSKMSPLSIVTALVDKIDMCKKSLSPEQDIKFSGHVS WVGKTSMEVKMQMFQLHGDEFVLDATFVMVARDSENKG
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

Gene Name [ACOT9 acyl-CoA thioesterase 9 \[Homo sapiens \]](#)

Official Symbol [ACOT9](#)

Synonyms ACOT9; acyl-CoA thioesterase 9; acyl-coenzyme A thioesterase 9, mitochondrial; ACATE2; CGI 16; MT ACT48; acyl-CoA thioester hydrolase 9; mitochondrial Acyl-CoA Thioesterase; acyl-Coenzyme A thioesterase 2, mitochondrial; CGI-16; MTACT48; MT-ACT48;

Gene ID [23597](#)

mRNA Refseq [NM_001033583](#)

Protein Refseq [NP_001028755](#)

MIM [300862](#)

UniProt ID [Q9Y305](#)

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