

Recombinant Human ACOT9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ACOT9-5404H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ACOT9 MS Standard C13 and N15-labeled recombinant protein (NP_001032248) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a mitochondrial acyl-CoA thioesterase of unknown function. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	50.85 kDa
AA Sequence	MRRAALRLCALGKGQLTPGRGLTQGPQNPKKQGIFHIHEACSSIHVNHVRDKLREIV GASTNWRDHVKAMEERKLLHSFLAKSQDGLPPRRMKDSYIEVLLPLGSEPELREKY LTVQNTVRFGRILEDLSLGVLCYMHNKIHSKMSPLSIVTALVDKIDMCKKSLSPEQ DIKFSGHVSWVGKTSMEVKMQMFQLHGDEFPCVLDATFVMVARDSENKGPAFVNP LIPESPEEEELFRQGELNKGRIAFSSTSLLKMAPSAEERTTIHEMFLSTLDPKTISFR SRVLPSNAVWMENSKLKSLEICHPQERNIFNRIFGGFLMRKAYELAWATACSFSGGS RPFVAVDDIMFQKPVEVGSLFLSSQVCFTQNNYIQVRVHSEVASLQEKQHTTTNV FHFTFMSEKEVPLVFPKTYGESMLYLDGQRHFNSMSGPATLRKDYLVEPTRTRPLE QKLISEEDLAANDILDYKDDDDKV
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.

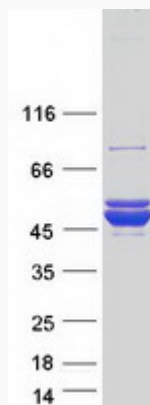
GENE INFORMATION

Gene Name	ACOT9 acyl-CoA thioesterase 9 [Homo sapiens (human)]
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_001037171
Protein Refseq	NP_001032248
MIM	300862
UniProt ID	Q9Y305

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SDS-PAGE

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