

Product datasheet for PH316986

Acyl CoA Thioesterase 9 (ACOT9) (NM_001037171) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ACOT9 MS Standard C13 and N15-labeled recombinant protein (NP_001032248)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216986
Predicted MW:	50.85 kDa
Protein Sequence:	>RC216986 representing NM_001037171 Red=Cloning site Green=Tags(s)
	MRRRAALRLCALGKQQLTPGRGLTQGPQNPKKQGI FHIHEACSSIHVNHVRDKLREIVGASTNWRDHVKAM EERKLLHSFLAKSQDGLPPRRMKDSYIEVLLPLGSEPELREKYLTVQNTVRFGRILEDLDSLGLVICYMH NKIHSAKMSPLSIVTALVDKIDMCKKLSPEQDIKFSGHVSWVGKTSMEVKMQMFQLHGDEFCPVLDATE VMVARDSENKGP AFVNPLIPESPEEEELFRQGELNKGRRIAFSSTLLKMAPSAEERTTIHEMFLSTLDP KTISFRSRVLPNAVWMENSKLSLEICHQERNIFNRIFGGFLMRKAYELAWATACSFGGSRPFVVAVD DIMFQKPVEVGSLLFLSSQVCFQNNYIQVRVHSEVASLQEKQHTTTNVFHFTFMSEKEVPLVFPKTYGE SMLYLDGQRHFNSMSGPATLRKDYLVEP
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_001032248
RefSeq Size:	1727
RefSeq ORF:	1344
Synonyms:	ACATE2; CGI-16; MT-ACT48; MTA CT48



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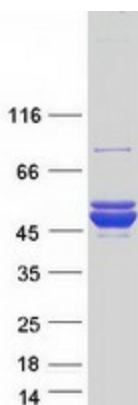
Locus ID: 23597

UniProt ID: [Q9Y305](#), [Q9Y305-4](#)

Cytogenetics: Xp22.11

Summary: 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. [provided by RefSeq, Mar 2010]

Product images:



Coomassie blue staining of purified ACOT9 protein (Cat# [TP316986]). The protein was produced from HEK293T cells transfected with ACOT9 cDNA clone (Cat# [RC216986]) using MegaTran 2.0 (Cat# [TT210002]).