

# Recombinant Human ACAA1 Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** ACAA1-408H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	ACAA1 MS Standard C13 and N15-labeled recombinant protein (NP_001598) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes an enzyme operative in the beta-oxidation system of the peroxisomes. Deficiency of this enzyme leads to pseudo-Zellweger syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	44.3 kDa
<b>AA Sequence</b>	<p>MQRLQVVLGHLRGPADSGWMPQAAPCLSGAPQASAADVVVVHGRRTAICRAGR  GFKDTPDELLSAVMTAVLKDVNLRPEQLGDICVGNVLPQGAGAIMARIAQFLSDIPE  TVPLSTVNRQCSSGLQAVASIAGGIRNGSYDIGMACGVESMSLADRGNPGNITSRL  MEKEKARDCLIPMGITSENAERFGISREKQDTFALASQQKAARAQSKGCFQAEIVP  VTTTVHDDKGTKRSITVTQDEGIRPSTTMEGLAKLKPAFKKDGSTTAGNSSQVSDGA  AAILLARRSKAEELGLPILGVLRSYAVVGVPPDIMGIGPAYAIPVALQKAGLTVSDVDIF  EINEAFASQAAYCVEKLRLLPPEKVNPLGGAVALGHPLGCTGARQVITLLNELKRRGK  RAYGVVSMCIGTGMGAAAVFEYPGNTRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

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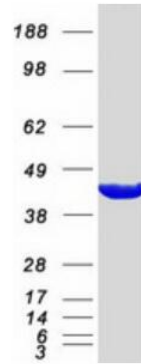
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">ACAA1 acetyl-CoA acyltransferase 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">ACAA1</a>
<b>Synonyms</b>	ACAA1; acetyl-CoA acyltransferase 1; acetyl Coenzyme A acyltransferase 1; 3-ketoacyl-CoA thiolase, peroxisomal; peroxisomal 3 oxoacyl Coenzyme A thiolase; beta-ketothiolase; peroxisomal 3-oxoacyl-CoA thiolase; acetyl-Coenzyme A acyltransferase 1; peroxisomal 3-oxoacyl-Coenzyme A thiolase; ACAA; THIO; PTHIO;
<b>Gene ID</b>	<a href="#">30</a>
<b>mRNA Refseq</b>	<a href="#">NM_001607</a>
<b>Protein Refseq</b>	<a href="#">NP_001598</a>
<b>MIM</b>	<a href="#">604054</a>
<b>UniProt ID</b>	<a href="#">P09110</a>

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SDS-PAGE



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