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

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

SPECIFICATION

Product Overview	ACAA1 MS Standard C13 and N15-labeled recombinant protein (NP_001598) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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]
Molecular Mass	44.3 kDa
AA Sequence	MQRLQVVLGHLRGPADSGWMPQAAPCLSGAPQASAADVVVVHGRRTAICRAGRG GFKDTTPDELLSAVMTAVLKDVNLRPEQLGDICVGNVLQPGAGAIMARIAQFLSDIPE TVPLSTVNRQCSSGLQAVASIAGGIRNGSYDIGMACGVESMSLADRGNPGNITSRL MEKEKARDCLIPMGITSENVAERFGISREKQDTFALASQQKAARAQSKGCFQAEIVP VTTTVHDDKGTKRSITVTQDEGIRPSTTMEGLAKLKPAFKKDGSTTAGNSSQVSDGA AAILLARRSKAEELGLPILGVLRSYAVVGVPPDIMGIGPAYAIPVALQKAGLTVSDVDIF EINEAFASQAAYCVEKLRLPPEKVNPLGGAVALGHPLGCTGARQVITLLNELKRRGK RAYGVVSMCIGTGMGAAAVFEYPGNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

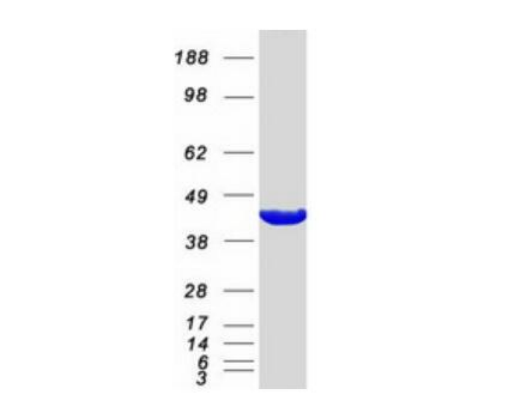
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ACAA1 acetyl-CoA acyltransferase 1 [Homo sapiens (human)]
Official Symbol	ACAA1
Synonyms	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;
Gene ID	30
mRNA Refseq	NM_001607
Protein Refseq	NP_001598
MIM	604054
UniProt ID	P09110

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SDS-PAGE	

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