

Human ACAA2 Knockdown Cell Lysate

Cat. No. ACAA2-016HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated ACAA2 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The encoded protein catalyzes the last step of the mitochondrial fatty acid beta-oxidation spiral. Unlike most mitochondrial matrix proteins, it contains a non-cleavable amino-terminal targeting signal.
Form	Cell-Tissue Lysis buffer
Molecular Mass	42 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice

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Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg ACAA2 KD HeLa cell lysate
Protein Pathways	Fatty acid elongation in mitochondria, Fatty acid metabolism, leucine and isoleucine degradation, Metabolic pathways, Valine
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	ACAA2 acetyl-CoA acyltransferase 2 [Homo sapiens (human)]
Official Symbol	ACAA2
Synonyms	ACAA2; acetyl-CoA acyltransferase 2; acetyl Coenzyme A acyltransferase 2; 3-ketoacyl-CoA thiolase, mitochondrial; DSAEC; mitochondrial 3 oxoacyl Coenzyme A thiolase; T1; beta ketothiolase; beta-ketothiolase; acetyl-Coenzyme A acyltransferase 2; mitochondrial 3-oxoacyl-CoA thiolase; mitochondrial 3-oxoacyl-Coenzyme A thiolase; FLJ35992; FLJ95265;
Gene ID	10449
mRNA Refseq	NM_006111
Protein Refseq	NP_006102
MIM	604770
UniProt ID	P42765

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