

## Product datasheet for **LY300020**

### ACAT2 Human Knockdown Lysate

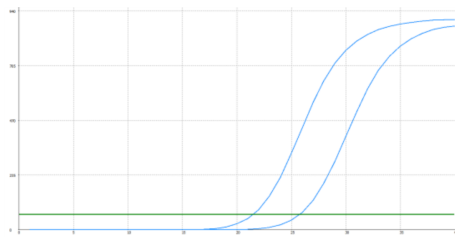
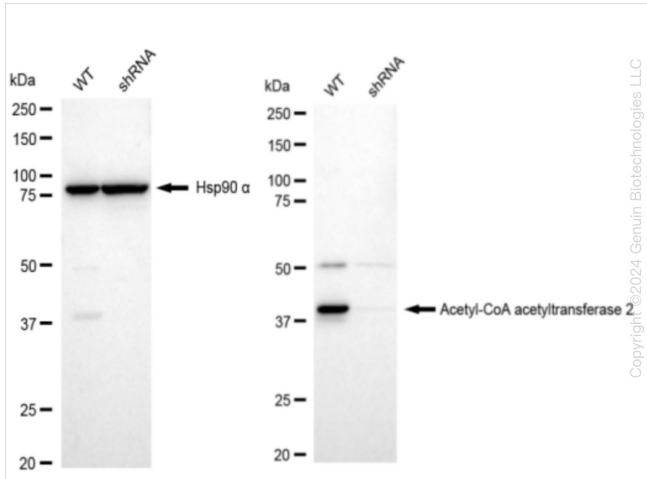
#### Product data:

Product Type:	Knockdown Lysates
Description:	WB-validated ACAT2 Knockdown HeLa Cell Lysate
Species:	Human
Expression Host:	HeLa
Tag:	Tag Free
Synonyms:	ACAT2; Acetyl-CoA Acetyltransferase 2; Acetyl-CoA Acetyltransferase, Cytosolic; Acetyl-CoA Transferase-Like Protein; Cytosolic Acetoacetyl-CoA Thiolase; Acetoacetyl Coenzyme A Thiolase; EC 2.3.1.9; Acetyl-Coenzyme A Acetyltransferase 2 (Acetoacetyl Coenzyme A Thiolase); Acetyl-Coenzyme A Acetyltransferase 2; EC 2.3.1; ACTL
Predicted MW:	41 kDa
Components:	1 vial of 100 ug WT HeLa cell lysate 1 vial of 100 ug ACAT2 KD HeLa cell lysate
Storage:	Store at -20 °C for two years.
Concentration:	Lot-specific
Buffer:	IntactProtein Cell-Tissue Lysis buffer
Locus ID:	39
UniProt ID:	<a href="#">Q9BWD1</a>
Protein Families:	Druggable Genome
Protein Pathways:	Butanoate metabolism, Fatty acid metabolism, Lysine degradation, Metabolic pathways, Propanoate metabolism, Pyruvate metabolism, Synthesis and degradation of ketone bodies, Terpenoid backbone biosynthesis, Tryptophan metabolism, Valine, leucine and isoleucine degradation



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## Product images:



Genotype	Ct Value
Wild-Type	21.43
Knock-Down	25.63
$\Delta Ct$ ( $Ct_{KD} - Ct_{WT}$ )	4.2
% mRNA Reduction	↓ 95%