

Recombinant Mouse Acly Protein, MYC/DDK-tagged

Cat. No. Acly-252M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ATP citrate lyase (Acly), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the cleavage of citrate into oxaloacetate and acetyl-CoA, the latter serving as common substrate for de novo cholesterol and fatty acid synthesis.
Molecular Mass	120.2 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Acly ATP citrate lyase [Mus musculus (house mouse)]
Official Symbol	Acly
Synonyms	Acly; ATP citrate lyase; AW538652; A730098H14Rik; ATP-citrate synthase; ATP-citrate (pro-S-)-lyase; citrate cleavage enzyme; EC 2.3.3.8
Gene ID	104112
mRNA Refseq	NM_134037
Protein Refseq	NP_598798
UniProt ID	Q91V92

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