

## Recombinant Mouse Acly Protein, MYC/DDK-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

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

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