

## Recombinant Human ACLY Protein (M1-M1101), Tag Free

Cat. No. ACLY-0220H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ACLY(M1-M1101 end) Protein was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	M1-M1101
<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>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	80%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Supplied as sterile 50mM Tris7.5, 200mM NaCl, 20%glycerol, 1mM DTT.

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 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Shipping**

It is shipped out with blue ice.

**GENE INFORMATION****Gene Name**

ACLY ATP citrate lyase [ Homo sapiens (human) ]

**Official Symbol**

ACLY

**Synonyms**

ACLY; ATP citrate lyase; ATP-citrate synthase; ACL; ATP citrate synthase; ATPCL; CLATP; citrate cleavage enzyme; ATP-citrate (pro-S-)-lyase;

**Gene ID**

47

**mRNA Refseq**

NM\_001096

**Protein Refseq**

NP\_001087

**MIM**

108728

**UniProt ID**

P53396

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