

Recombinant Rat Acly, His-tagged

Cat. No. Acly-3743R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATP-citrate synthase (Acly), partial
Species	Rat
Source	E.Coli/Yeast
ProteinLength	1091
Description	catalyzes the synthesis of cytosolic acetyl-CoA; plays a role in lipid and cholesterol metabolism .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Acly recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol

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

Warning

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name [Acly ATP citrate lyase \[Rattus norvegicus \]](#)

Official Symbol Acly

Synonyms ACLY; ATP citrate lyase; ATP-citrate synthase; citrate cleavage enzyme; ATP-citrate (pro-S-)-lyase; ACL; Clatp;

Gene ID [24159](#)

mRNA Refseq [NM_001111095](#)

Protein Refseq [NP_001104565](#)

Chromosome Location 10q32.1

Pathway ChREBP activates metabolic gene expression, organism-specific biosystem; Citrate cycle (TCA cycle), organism-specific biosystem; Citrate cycle (TCA cycle), conserved biosystem; Fatty Acid Biosynthesis, organism-specific biosystem; Fatty Acyl-CoA Biosynthe

Function ATP binding; ATP citrate synthase activity; binding; ligase activity; metal ion binding; nucleotide binding; succinate-CoA ligase (ADP-forming) activity; transferase activity;

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