

Recombinant Human ACLY protein, His-tagged

Cat. No. ACLY-2292H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACLY protein(751-1101 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	751-1101 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

MFSSEVQFGHAGACANQASETAVAKNQALKEAGVFVPRSFDELGEIIQSVYEDLVA
 NGVIVPAQEVPPPTVPM DY SWARELGLIRKPASFMTSICDERGQELIYAGMPITEVFK
 EEMGIGGV LGLLWFQKRLPKYSCQFIEMCLMVTADHGPAVSGAHNTIICARAGKDLV
 SSLTSGLLTIGDRFGGALDAAAKMFSKAFDSGIIPMEFVNKMKKEGKLIMGIGHRVKS
 INNPDMRVQILKDYVRQHFPATPLLDYALEVEKITTSKKPNLILNVDGLIGVAFVDMLR
 NCGSFTREEADEYIDIGALNGIFVLGRSMGFIGHYLDQKRLKQGLYRHPWDDISYVL
 PEHMSM

GENE INFORMATION

Gene Name [ACLY ATP citrate lyase \[Homo sapiens \]](#)

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](#)

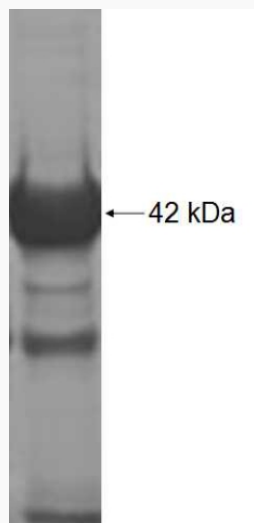
UniProt ID [P53396](#)

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SDS-PAGE



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