

Recombinant Human ACLY protein, His-tagged

Cat. No. ACLY-2488H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACLY protein(P53396)(Met1-Met1101), fused with His tag, was expressed in Insect Cells.
Source	Insect Cells
Species	Human
Tag	His
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% glycerolPlease contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human ACLY consists of 1120 amino acids and has a calculated molecular mass of 123 kDa. It migrates as an approximately 110 kDa band in SDS-PAGE under reducing conditions.
Protein Length	Met1-Met1101
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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