

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.

Species Human

Source Insect Cells

ProteinLength Met1-Met1101

Form Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% glycerol. Please 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.

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

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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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