

ACLY 抗原（重组蛋白）

中文名称：ACLY 抗原（重组蛋白）

英文名 ACLY Antigen (Recombinant Protein)

别名 ACL; ATPCL; CLATP

储存 冷冻（-20℃）

相关类别 抗原

概述：

Fusion protein corresponding to C terminal 250 amino acids of human ACLY

技术规格：

Full name:	ATP citrate lyase
Synonyms:	ACL; ATPCL; CLATP
Swissprot:	P53396
Gene Accession:	BC006195
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	ATP citrate lyase is the primary enzyme responsible for the synthesis of cytosolic acetyl-CoA in many tissues. The enzyme is a tetramer (relative molecular weight approximately 440,000) of apparently identical subunits. It catalyzes the formation of acetyl-CoA and oxaloacetate from citrate and CoA with a concomitant hydrolysis of ATP to ADP and phosphate. The product, acetyl-CoA, serves several important biosynthetic pathways, including lipogenesis and cholesterol

esis. In nervous tissue, ATP citrate-lyase may be involved in the biosynthesis of acetylcholine. Two transcript variants encoding distinct isoforms have been identified for this gene.