

## 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：

<b>Full name:</b>	ATP citrate lyase
<b>Synonyms:</b>	ACL; ATPCL; CLATP
<b>Swissprot:</b>	P53396
<b>Gene Accession:</b>	BC006195
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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 synthesis. In nervous tissue, ATP citrate-lyase may be involved in the biosynthesis of acetylcholine. Two transcript variants encoding distinct

ct isoforms have been identified for this gene.