

Acetyl-CoA Carboxylase 1 from Human, Recombinant

Cat. No. NATE-0942

Lot. No. (See product label)

Introduction

Description

High-quality Recombinant Human Acetyl-CoA Carboxylase 1 for research on fatty acid biosynthesis and metabolic regulation. Ideal for biochemistry and molecular biology studies. Creative Enzymes ensures trusted, high-purity products.

Applications

Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Synonyms

ACAC; ACACA; ACC1; ACC; ACCA; acetyl-CoA carboxylase alpha; acetyl coenzyme A carboxylase; acetyl-CoA carboxylase

Product Information

Species

Human

Source

Sf9 cells

Form

Supplied as a solution in 50 mM Tris-HCl, pH 8.0, 275 mM NaCl, 10% glycerol, 1 mM EDTA and 2 mM DTT.

EC Number

EC 6.4.1.2

CAS No.

9023-93-2

Molecular Weight

292.5 kDa

Activity

> 20 units/μg protein

Unit Definition

One unit will cause the carboxylation of 1.0 picomole of acetyl-CoA per minute at pH 7.5 at 30 °C.

Storage and Shipping Information

Storage

Store at -70°C. Avoid multiple freeze-thaw cycles.