

## 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.