

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.
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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.