

Acyl-CoA synthetase, recombinant

Cat. No. NATE-1682

Lot. No. (See product label)

Introduction

Description

Recombinant Acyl-CoA Synthetase for advanced research on fatty acid metabolism and CoA activation. Ideal for metabolic and biochemical studies. Creative Enzymes ensures high-purity, reliable solutions.

Synonyms

EC 6.2.1.3; ACS; acyl-CoA synthetase; fatty acid thiokinase (long chain); acyl-activating enzyme; palmitoyl-CoA synthase; lignoceroyl-CoA synthase; arachidonyl-CoA synthetase; acyl coenzyme A synthetase; acyl-CoA ligase; palmitoyl coenzyme A synthetase; thiokinase; palmitoyl-CoA ligase; acyl-coenzyme A ligase; fatty acid CoA ligase; long-chain fatty acyl coenzyme A synthetase; oleoyl-CoA synthetase; stearoyl-CoA synthetase; long chain fatty acyl-CoA synthetase; long-chain acyl CoA synthetase; fatty acid elongase; LCFA synthetase; pristanoyl-CoA synthetase; ACS3; long-chain acyl-CoA synthetase I; long-chain acyl-CoA synthetase II; fatty acyl-coenzyme A synthetase; long-chain acyl-coenzyme A synthetase; FAA1

Product Information

Form

White powder, lyophilized

EC Number

EC 6.2.1.3

CAS No.

9013-18-7

Molecular Weight

About 70kDa (SDS-PAGE detection)

Purity

90% (SDS-PAGE test)

Activity

30U/mg protein

Buffer

Tris buffer, pH8.0

Unit Definition

One unit will convert 1 μ mol of free fatty acids and coenzyme A to acetyl coenzyme A per min at pH 7.5 at 37°C.

Storage and Shipping Information

Storage

4°C, store at -20°C for long-term preservation