

very-long-chain enoyl-CoA reductase

Cat. No. EXWM-1363

Lot. No. (See product label)

Introduction

Description

This is the fourth component of the elongase, a microsomal protein complex responsible for extending palmitoyl-CoA and stearoyl-CoA (and modified forms thereof) to very-long-chain acyl CoAs. cf. EC 2.3.1.199, very-long-chain 3-oxoacyl-CoA synthase, EC 1.1.1.330, very-long-chain 3-oxoacyl-CoA reductase, and EC 4.2.1.134, very-long-chain (3R)-3-hydroxyacyl-[acyl-carrier protein] dehydratase.

Synonyms

TSC13 (gene name); CER10 (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.1.93

Reaction

a very-long-chain acyl-CoA + NADP⁺ = a very-long-chain trans-2,3-dehydroacyl-CoA + NADPH + H⁺

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.