Creative Enzymes®

very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase

Cat. No. EXWM-4975

Lot. No. (See product label)

Introduction

Description	This is the third 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 1.3.1.93, very-long-chain enoyl-CoA reductase.
Synonyms	PHS1 (gene name); PAS2 (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.1.134
Reaction	a very-long-chain (3R)-3-hydroxyacyl-CoA = a very-long-chain trans-2,3-dehydroacyl-CoA + H2O
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.