Creative Enzymes®

cyclohex-1-ene-1-carbonyl-CoA dehydrogenase

Cat. No. EXWM-1406

Lot. No. (See product label)

Introduction

Description	Contains FAD. The enzyme, characterized from the strict anaerobic bacterium Syntrophus aciditrophicus, is involved in production of cyclohexane-1-carboxylate, a byproduct produced by that organism during fermentation of benzoate and crotonate to acetate.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.3.8.10
Reaction	cyclohex-1-ene-1-carbonyl-CoA + electron-transfer flavoprotein = cyclohex-1,5-diene-1-carbonyl-CoA + reduced electron-transfer flavoprotein
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 ℃.