

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