

## 2-hydroxyglutarate synthase

Cat. No. EXWM-2312

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of transferases, specifically those acyltransferases that convert acyl groups into alkyl groups on transfer. This enzyme participates in c5-branched dibasic acid metabolism.

#### Synonyms

2-hydroxyglutaric synthetase; 2-hydroxyglutaric synthetase;  $\alpha$ -hydroxyglutarate synthase; hydroxyglutarate synthase; 2-hydroxyglutarate glyoxylate-lyase (CoA-propanoylating)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.3.3.11

#### CAS No.

9024-02-6

#### Reaction

propanoyl-CoA + H<sub>2</sub>O + glyoxylate = 2-hydroxyglutarate + CoA

#### 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.