

## L-2-hydroxyglutarate dehydrogenase

Cat. No. EXWM-0449

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with other acceptors. The systematic name of this enzyme class is (S)-2-hydroxyglutarate:acceptor 2-oxidoreductase.

#### Synonyms

$\alpha$ -ketoglutarate reductase;  $\alpha$ -hydroxyglutarate dehydrogenase; L- $\alpha$ -hydroxyglutarate dehydrogenase; hydroxyglutaric dehydrogenase;  $\alpha$ -hydroxyglutarate oxidoreductase; L- $\alpha$ -hydroxyglutarate:NAD<sup>+</sup> 2-oxidoreductase;  $\alpha$ -hydroxyglutarate dehydrogenase (NAD<sup>+</sup> specific); (S)-2-hydroxyglutarate: (acceptor) 2-oxidoreductase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.99.2

#### CAS No.

9028-80-2

#### Reaction

(S)-2-hydroxyglutarate + acceptor = 2-oxoglutarate + reduced acceptor

#### 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.