

## (R)-2-hydroxy-fatty-acid dehydrogenase

Cat. No. EXWM-0382

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 NAD<sup>+</sup> or NADP<sup>+</sup> as acceptor. The systematic name of this enzyme class is (R)-2-hydroxystearate:NAD<sup>+</sup> oxidoreductase. Other names in common use include D-2-hydroxy fatty acid dehydrogenase, and 2-hydroxy fatty acid oxidase.

#### Synonyms

D-2-hydroxy fatty acid dehydrogenase; 2-hydroxy fatty acid oxidase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.98

#### CAS No.

37250-32-1

#### Reaction

(R)-2-hydroxystearate + NAD<sup>+</sup> = 2-oxostearate + NADH + H<sup>+</sup>

#### 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.