

## 15-hydroxyicosatetraenoate dehydrogenase

Cat. No. EXWM-0139

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 (15S)-15-hydroxy-5,8,11-cis-13-trans-icosatetraenoate:NAD(P)<sup>+</sup> 15-oxidoreductase. This enzyme is also called 15-hydroxyeicosatetraenoate dehydrogenase. This enzyme participates in arachidonic acid metabolism.

#### Synonyms

15-hydroxyeicosatetraenoate dehydrogenase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.232

#### CAS No.

117910-46-0

#### Reaction

(15S)-15-hydroxy-5,8,11-cis-13-trans-icosatetraenoate + NAD(P)<sup>+</sup> = 15-oxo-5,8,11-cis-13-trans-icosatetraenoate + NAD(P)H + 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.