

## 2-oxoadipate reductase

Cat. No. EXWM-0075

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 2-hydroxyadipate:NAD<sup>+</sup> 2-oxidoreductase. Other names in common use include 2-ketoadipate reductase, alpha-ketoadipate reductase, and 2-ketoadipate reductase.

#### Synonyms

2-ketoadipate reductase; α-ketoadipate reductase; 2-ketoadipate reductase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.172

#### CAS No.

61116-21-0

#### Reaction

2-hydroxyadipate + NAD<sup>+</sup> = 2-oxoadipate + 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.