

4-oxoproline reductase

Cat. No. EXWM-0007

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⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is 4-hydroxy-L-proline:NAD⁺ oxidoreductase. This enzyme is also called hydroxy-L-proline oxidase. This enzyme participates in arginine and proline metabolism.

Synonyms

hydroxy-L-proline oxidase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.104

CAS No.

37250-37-6

Reaction

4-hydroxy-L-proline + NAD⁺ = 4-oxoproline + NADH + H⁺

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.