Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.