Creative Enzymes®

L-threonate 3-dehydrogenase

Cat. No. EXWM-0032

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 L-threonate:NAD+ 3-oxidoreductase. Other names in common use include threonate dehydrogenase, and L-threonic acid dehydrogenase. This enzyme participates in ascorbate and aldarate metabolism.
Synonyms	threonate dehydrogenase; L-threonic acid dehydrogenase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.129
CAS No.	37250-59-2
Reaction	L-threonate + NAD+ = 3-dehydro-L-threonate + 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 ℃.