Creative Enzymes®

mannitol 2-dehydrogenase (NADP+)

Cat. No. EXWM-0042

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 D-mannitol:NADP+ 2-oxidoreductase. This enzyme is also called mannitol 2-dehydrogenase (NADP+). This enzyme participates in fructose and mannose metabolism.
Synonyms	mannitol 2-dehydrogenase (NADP)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.138
CAS No.	37250-68-3
Reaction	D-mannitol + NADP+ = D-fructose + NADPH + 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 ℃.