

## 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<sup>+</sup> or NADP<sup>+</sup> as acceptor. The systematic name of this enzyme class is D-mannitol:NADP<sup>+</sup> 2-oxidoreductase. This enzyme is also called mannitol 2-dehydrogenase (NADP<sup>+</sup>). 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<sup>+</sup> = D-fructose + NADPH + 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.