Creative Enzymes®

alcohol dehydrogenase (NADP+)

Cat. No. EXWM-0103

Lot. No. (See product label)

Introduction

Description	A zinc protein. Some members of this group oxidize only primary alcohols; others act also on secondary alcohols. May be identical with EC 1.1.1.19 (L-glucuronate reductase), EC 1.1.1.33 [mevaldate reductase (NADPH)] and EC 1.1.1.55 [lactaldehyde reductase (NADPH)]. Re-specific with respect to NADPH.
Synonyms	aldehyde reductase (NADPH2); NADP-alcohol dehydrogenase; NADP+-aldehyde reductase; NADP+-dependent aldehyde reductase; NADPH-aldehyde reductase; NADPH-dependent aldehyde reductase; nonspecific succinic semialdehyde reductase; ALR 1; low-Km aldehyde reductase; high-Km aldehyde reductase; alcohol dehydrogenase (NADP)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.2
CAS No.	9028-12-0
Reaction	an alcohol + NADP+ = an aldehyde + 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 ℃.