Creative Enzymes®

2-dehydropantolactone reductase (Si-specific)

Cat. No. EXWM-0119

Lot. No. (See product label)

Introduction

Description	The Escherichia coli enzyme differs from that from yeast [EC 1.1.1.168 2-dehydropantolactone reductase (Re-specific)], which is specific for the Re-face of NADP+, and in receptor requirements from EC 1.1.99.26 3-hydroxycyclohexanone dehydrogenase.
Synonyms	2-oxopantoyl lactone reductase; 2-ketopantoyl lactone reductase; ketopantoyl lactone reductase; 2-dehydropantoyl-lactone reductase (B-specific); (R)-pantolactone:NADP+ oxidoreductase (B-specific); 2-dehydropantolactone reductase (B-specific)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.214
CAS No.	37211-75-9
Reaction	(R)-pantolactone + NADP+ = 2-dehydropantolactone + 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 ℃.