Creative Enzymes®

(S,S)-butanediol dehydrogenase

Cat. No. EXWM-0359

Lot. No. (See product label)

Introduction

Description	This enzyme catalyses the reversible reduction of (S)-acetoin to (S,S)-butane-2,3-diol. It can also catalyse the irreversible reduction of diacetyl to (S)-acetoin.
Synonyms	L-butanediol dehydrogenase; L-BDH; L(+)-2,3-butanediol dehydrogenase (L-acetoin forming); (S)-acetoin reductase [(S,S)-butane-2,3-diol forming]

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.76
Reaction	(2S,3S)-butane-2,3-diol + NAD+ = (S)-acetoin + 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 ℃.