Creative Enzymes®

methylglyoxal reductase (NADH)

Cat. No. EXWM-0361

Lot. No. (See product label)

Introduction

Description	This mammalian enzyme differs from the yeast enzyme, EC 1.1.1.283, methylglyoxal reductase (NADPH-dependent), by its coenzyme requirement, reaction direction, and enantiomeric preference.
Synonyms	methylglyoxal reductase; D-lactaldehyde dehydrogenase; methylglyoxal reductase (NADH-dependent)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.78
CAS No.	37250-16-1
Reaction	(R)-lactaldehyde + NAD+ = 2-oxopropanal + 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 ℃.