Creative Enzymes®

homoserine dehydrogenase

Cat. No. EXWM-0209

Lot. No. (See product label)

Introduction

Description	The yeast enzyme acts most rapidly with NAD+; the Neurospora enzyme with NADP+. The enzyme from Escherichia coli is a multi-functional protein, which also catalyses the reaction of EC 2.7.2.4 (aspartate kinase).
Synonyms	HSDH; HSD

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.3
CAS No.	9028-13-1
Reaction	L-homoserine + NAD(P)+ = L-aspartate 4-semialdehyde + NAD(P)H + 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 ℃.