Creative Enzymes®

NAD+ synthase (glutamine-hydrolysing)

Cat. No. EXWM-5802

Lot. No. (See product label)

Introduction

Description	NH3 can act instead of glutamine (cf. EC 6.3.1.5 NAD+ synthase).
Synonyms	NAD synthetase (glutamine-hydrolysing); nicotinamide adenine dinucleotide synthetase (glutamine); desamidonicotinamide adenine dinucleotide amidotransferase; DPN synthetase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.3.5.1
CAS No.	37318-70-0
Reaction	ATP + deamido-NAD+ + L-glutamine + H2O = AMP + diphosphate + NAD+ + L-glutamate
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 ℃.