

nicotinate-nucleotide adenylyltransferase

Cat. No. EXWM-3232

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing nucleotide groups (nucleotidyltransferases). The systematic name of this enzyme class is ATP:nicotinate-ribonucleotide adenylyltransferase. Other names in common use include deamido-NAD⁺ pyrophosphorylase, nicotinate mononucleotide adenylyltransferase, deamidonicotinamide adenine dinucleotide pyrophosphorylase, NaMN-ATase, and nicotinic acid mononucleotide adenylyltransferase. This enzyme participates in nicotinate and nicotinamide metabolism.

Synonyms

deamido-NAD⁺ pyrophosphorylase; nicotinate mononucleotide adenylyltransferase; deamidonicotinamide adenine dinucleotide pyrophosphorylase; NaMN-ATase; nicotinic acid mononucleotide adenylyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.7.18

CAS No.

9026-98-6

Reaction

ATP + β -nicotinate D-ribonucleotide = diphosphate + deamido-NAD⁺

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.