

nicotinate-nucleotide adenyltransferase

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 adenyltransferase. Other names in common use include deamido-NAD⁺ pyrophosphorylase, nicotinate mononucleotide adenyltransferase, deamidonicotinamide adenine dinucleotide pyrophosphorylase, NaMN-ATase, and nicotinic acid mononucleotide adenyltransferase. This enzyme participates in nicotinate and nicotinamide metabolism.

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

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.