Creative Enzymes®

nicotinamide phosphoribosyltransferase

Cat. No. EXWM-2640

Lot. No. (See product label)

Introduction

Description	Nicotinamide phosphoribosyltransferase (NAmPRTase or Nampt) also known as pre-B-cell colony-enhancing factor 1 (PBEF1) or visfatin is an enzyme that in humans is encoded by the PBEF1 gene. This protein has also been reported to be a cytokine (PBEF) that promotes B cell maturation and inhibits neutrophil apoptosis.
Synonyms	NMN pyrophosphorylase; nicotinamide mononucleotide pyrophosphorylase; nicotinamide mononucleotide synthetase; NMN synthetase; nicotinamide-nucleotide:diphosphate phospho-α-D-ribosyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.2.12
CAS No.	9030-27-7
Reaction	nicotinamide D-ribonucleotide + diphosphate = nicotinamide + 5-phospho-α-D-ribose 1-diphosphate
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 ℃.