

purine nucleosidase

Cat. No. EXWM-3963

Lot. No. (See product label)

Introduction

Description

The enzyme from the bacterium *Ochrobactrum anthropi* specifically catalyses the irreversible N-riboside hydrolysis of purine nucleosides. Pyrimidine nucleosides, purine and pyrimidine nucleotides, NAD⁺, NADP⁺ and nicotinamide mononucleotide are not substrates.

Synonyms

nucleosidase (misleading); purine β -ribosidase; purine nucleoside hydrolase; purine ribonucleosidase; ribonucleoside hydrolase (misleading); nucleoside hydrolase (misleading); N-ribosyl purine ribohydrolase; nucleosidase g; N-D-ribosylpurine ribohydrolase; inosine-adenosine-guanosine preferring nucleoside hydrolase; purine-specific nucleoside N-ribohydrolase; IAG-nucleoside hydrolase; IAG-NH

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.2.2.1

CAS No.

9025-44-9

Reaction

a purine nucleoside + H₂O = D-ribose + a purine base

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.