

5'-deoxynucleotidase

Cat. No. EXWM-3695

Lot. No. (See product label)

Introduction

Description

The enzyme, characterized from the bacterium *Escherichia coli*, shows strict specificity towards deoxyribonucleoside 5'-monophosphates and does not dephosphorylate 5'-ribonucleotides or ribonucleoside 3'-monophosphates. A divalent metal cation is required for activity, with cobalt providing the highest activity.

Synonyms

yfbR (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.3.89

Reaction

a 2'-deoxyribonucleoside 5'-monophosphate + H₂O = a 2'-deoxyribonucleoside + phosphate

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.