

phosphodiesterase I

Cat. No. EXWM-3710

Lot. No. (See product label)

Introduction

Description

Hydrolyses both ribonucleotides and deoxyribonucleotides. Has low activity towards polynucleotides. A 3'-phosphate terminus on the substrate inhibits hydrolysis.

Synonyms

5'-exonuclease; 5'-phosphodiesterase; 5'-nucleotide phosphodiesterase; oligonucleate 5'-nucleotidohydrolase; 5' nucleotide phosphodiesterase/alkaline phosphodiesterase I; 5'-NPDase; 5'-PDase; 5'-PDE; 5'NPDE; alkaline phosphodiesterase; nucleotide pyrophosphatase/phosphodiesterase I; orthophosphoric diester phosphohydrolase; PDE I; phosphodiesterase (ambiguous); exonuclease I

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.4.1

CAS No.

9025-82-5

Reaction

Hydrolytically removes 5'-nucleotides successively from the 3'-hydroxy termini of 3'-hydroxy-terminated oligonucleotides

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.