Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.