

## 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.