

## Polynucleotide phosphorylase from Human, Recombinant

Cat. No. NATE-0609

Lot. No. (See product label)

### Introduction

#### Description

Polynucleotide phosphorylase (PNPase) is a bifunctional enzyme with a phosphorolytic 3' to 5' exoribonuclease activity and a 3'-terminal oligonucleotide polymerase activity. It is also involved in mRNA processing and degradation in bacteria, plants, and humans.

#### Synonyms

PNPase; nucleoside diphosphate:polynucleotidyl transferase; polyribonucleotide nucleotidyltransferase; polynucleotide phosphorylase; polyribonucleotide phosphorylase; EC 2.7.7.8; 9014-12-4

### Product Information

#### Species

Human

#### Source

E. coli

#### Form

supplied as a solution in 20 mM HEPES buffer, pH 7.9, with 0.1 mM EDTA, 2 mM DTT, 12.5 mM MgCl<sub>2</sub>, ~130 mM KCl, and 20% (w/v) glycerol.

#### EC Number

EC 2.7.7.8

#### CAS No.

9014-12-4

#### Concentration

400-600 µg/mL protein

### Storage and Shipping Information

#### Storage

–70°C