Creative Enzymes®

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 MgCl2, ~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