Creative Enzymes
Diagnostic Enzymes

Purine Nucleoside Phosphorylase from E. coli

Product Information

Cat#	DIA-419
Source	E. coli
Description	Purine nucleoside phosphorylase is a key enzyme in the purine salvage pathway, widely found in prokaryotic and eukaryotic organisms. It catalyzes the reversible cleavage of purine nucleosides into purine bases and ribose-1-phosphate. In vitro, it can also be used to synthesize new nucleosides when supplied with additional purine bases or analogs. PNP is commonly applied in assays for 5'-nucleotidase (5'-NT) and adenosine deaminase (ADA).
Form	Liquid
Activity	≥ 30 U/mg protein
Storage	Below –20 °C
Synonyms	PNP; PNPase
Enzyme Commission Number	EC 1.1.3.10
Applications	For enzymatic cycling assay.
Appearance	Yellow liquid
Molecular Weight	66 kDa (SDS-PAGE)
Notes	Expiration date: 18 months

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