

Active Recombinant Purine Nucleoside Phosphorylase

Cat. No. PNP-078 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant PNP Protein
Source	E.coli
Description	Purine Nucleoside Phosphorylase (PNP) is an enzyme that catalyzes the reversible cleavage of the bond between the base and ribose or deoxyribose of purine nucleosides, producing free bases and sugars phosphorylated at the C1 position. It plays a crucial role in purine base salvage and nucleoside catabolism, and is widely distributed in living organisms. PNP is involved in energy repletion and is highly expressed in most tissues, particularly in lymphoid cells.
Form	White lyophilized powder or Liquid
Bio-activity	Specific activity: ≥ 100 U/mg protein Activity: ≥ 10 U/mg solid
Purity	$> 90\%$
Notes	This product is for research and manufacturing use only and is not intended for diagnostic or therapeutic use.
Storage	2-8 centigrade: At least 2 years -20 centigrade: At least 3 years
EC No.	2.4.2.1

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	PNP
Synonyms	Purine Nucleoside Phosphorylase; PNP