

# Recombinant Bacillus Purine Nucleoside Phosphorylase

**Cat. No.** PNP-08B    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Bacillus Purine Nucleoside Phosphorylase was expressed in E.coli.                                                             |
| <b>Species</b>          | Bacillus                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                    |
| <b>Form</b>             | Light white Lyophilized powder or Liquid                                                                                                  |
| <b>Bio-activity</b>     | Specific activity: $\geq 100$ U/mg protein Activity: $\geq 10$ U/mg solid                                                                 |
| <b>Purity</b>           | >90%                                                                                                                                      |
| <b>Storage</b>          | 2-8 centigrade: At least 1 year -20 centigrade: At least 2 years                                                                          |
| <b>EC</b>               | 2.4.2.1                                                                                                                                   |
| <b>CAS No.</b>          | 9030-21-1                                                                                                                                 |
| <b>Unit definition</b>  | 1 U will cause the phosphorolysis of 1 $\mu$ mol of inosine to hypoxanthine and ribose 1-phosphate per minute at pH 7.4 at 25 centigrade. |

## GENE INFORMATION

|                        |     |
|------------------------|-----|
| <b>Official Symbol</b> | PNP |
|------------------------|-----|

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**Synonyms**

PNP; Purine Nucleoside Phosphorylase

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