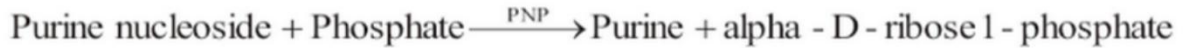


Purine Nucleoside Phosphorylase

Cat: P6480

Storage: Store at -20°C.

Reaction formula:



Product Information

CAS: 9030-21-1

Appearance (Character): White freeze-dried powder

Source: Microorganisms

EC Number: EC 5.4.2.2

Enzyme Activity/Potency: ≥200U/mg protein

Enzyme Activity Definition: Under the conditions of pH7.7 and temperature of 37°C, 1 unit can oxidize 1μmol of inosine phosphate to generate hypoxanthine and 1-ribose phosphate per minute.

Preparation instructions: This enzyme is soluble in 50 mM potassium phosphate buffer pH 7.7.

Molecular Weight: 32 kDa (SDS-PAGE)

Isoelectric point: 6.0

Michaelis constant: 2.2×10⁻⁴ M (Inosine)

Optimal pH: 7.5-8.0

Optimal temperature: 60°C

pH stability: 5.0-10.0

Temperature stability: < 55°C (pH7.7, 30min)

Inhibitor: Ag⁺, Hg²⁺