

Purine Nucleoside Phosphorylase (EaPNP)

Product Information

Cat#	DIA-810
Descriptions	Purine nucleoside phosphorylase (EaPNP) of microbial origin mediates the reversible phosphorolysis of purine nucleosides to generate free purine bases and ribose-1-phosphate, participates in the purine salvage pathway, and is applied for nucleoside biotransformation and nucleotide biosynthesis.
Applications	Purine nucleoside phosphorylase (EaPNP) serves as a raw material for nucleoside metabolism detection kits and purine salvage pathway assay reagent development.
CAS No.	124-2-13
Enzyme Commission Number	EC 2.4.2.1
Enzyme Source	E.coli recombinant Ea PNP from enterobacter aerogenes.
Reaction	Inosine + phosphate = alpha-D-ribose 1-phosphate + hypoxanthine
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the formation of 1 μ mol of hypoxanthine from inosine at 37°C.