

5'-Nucleotidase from Microorganism

Product Information

Cat#	NATE-1717
Abbr	5'NT (Microorganism)
Similar	AMPase
Source	Microorganism
Description	5'-nucleotidase is an enzyme with system name 5'-ribonucleotide phosphohydrolase. This enzyme catalyses the following chemical reaction: a 5'-ribonucleotide + H ₂ O ↔ a ribonucleoside + phosphate. This enzyme has a wide specificity for 5'-nucleotides.
Form	White amorphous powder
Enzyme Commission Number	EC 3.1.3.5
Activity	>50U/mg protein
CAS No.	9027-73-0
Unit Definition	One unit is defined as the amount of 5'NT that generates one micromole of inosine from IMP per minute at 37°C.
Storage	Store at -20°C.
Synonyms	uridine 5'-nucleotidase; 5'-adenylic phosphatase; adenosine 5'-phosphatase; AMP phosphatase; adenosine monophosphatase; 5'-mononucleotidase; AMPase; UMPase; snake venom 5'-nucleotidase; thimidine monophosphate nucleotidase; 5'-AMPase; 5'-AMP nucleotidase; AMP phosphohydrolase; IMP 5'-nucleotidase; EC 3.1.3.5