



## 5'-Nucleotidase from Microorganism

### Product Information

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