

## 5'-Nucleotidase from Microorganism

Cat. No. NATE-1717

Lot. No. (See product label)

### Introduction

**Description** 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.

**Synonyms** 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

### Product Information

**Source** Microorganism

**Form** White amorphous powder

**EC Number** EC 3.1.3.5

**CAS No.** 9027-73-0

**Activity** >50U/mg protein

**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.

**Notes** INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.

### Storage and Shipping Information

**Storage** Store at -20°C.