

## adenosine-phosphate deaminase

Cat. No. EXWM-4543

Lot. No. (See product label)

### Introduction

#### Description

Acts on AMP, ADP, ATP, NAD<sup>+</sup> and adenosine, in decreasing order of activity. The bacterial enzyme can also accept the deoxy derivatives. cf. EC 3.5.4.6, AMP deaminase.

#### Synonyms

adenylate deaminase; adenine nucleotide deaminase; adenosine (phosphate) deaminase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.5.4.17

#### CAS No.

37289-20-6

#### Reaction

(1)  $\text{AMP} + \text{H}_2\text{O} = \text{IMP} + \text{NH}_3$ ; (2)  $\text{ADP} + \text{H}_2\text{O} = \text{IDP} + \text{NH}_3$ ; (3)  $\text{ATP} + \text{H}_2\text{O} = \text{ITP} + \text{NH}_3$

#### Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

#### Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.