

Native Acid Phosphatase from Microbial

Cat. No. NATE-1170

Lot. No. (See product label)

Introduction

Description

Native Microbial Acid Phosphatase for research on microbial phosphatase activity and enzymatic mechanisms. Ideal for microbiology and biochemistry studies. Creative Enzymes delivers trusted products.

Applications

Hydrolysis of phosphate monoesters

Synonyms

acid phosphatase; 9001-77-8; acid phosphomonoesterase; phosphomonoesterase; glycerophosphatase; acid monophosphatase; acid phosphohydrolase; acid phosphomonoester hydrolase; uteroferrin; acid nucleoside diphosphate phosphatase; orthophosphoric-monoester phosphohydrolase (acid optimum); EC 3.1.3.2; APase

Product Information

Source

Microbial

Form

Suspension in Ammonium Sulphate

EC Number

EC 3.1.3.2

CAS No.

9001-77-8

Activity

> 40 U/mg; > 100 U/ml

Optimum pH

5.5

Optimum temperature

37 °C

Unit Definition

One Unit will hydrolyze 1.0 micromole of p-nitrophenyl phosphate per minute at pH 5.5

Usage and Packaging

Preparation Instructions

Swirl to mix the suspension immediately prior to use.

Storage and Shipping Information

Storage

4°C