Creative Enzymes®

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