Creative Enzymes®

Native Bovine Acid Phosphatase, Prostatic

Cat. No. NATE-0082

Lot. No. (See product label)

Introduction

Description	Native Bovine Acid Phosphatase (Prostatic) for advanced research on phosphatase activity and prostate function. Ideal for enzymology and biochemistry studies. Creative Enzymes ensures reliable, high-purity products.
Applications	Acid phosphatase is routinely used to dephosphorylate proteins and nucleic acids. Acid phosphatase is an acid hydrolase that normally resides in lysosomes. It is used as marker for the identification of lysosomes in subcellular fractionations. Prostatic acid phosphatase has been used to study the stere ochemical course of phospho group.
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

Species	Bovine
Source	Bovine semen
Form	lyophilized powder
EC Number	EC 3.1.3.2
CAS No.	9001-77-8
Activity	~2 units/g solid
Unit Definition	One unit will hydrolyze 1.0 μmole of p-nitrophenyl phosphate per min at pH 4.8 at 37°C.

Storage and Shipping Information

Storage	−20°C