

Native Bovine Acid Phosphatase, Prostatic

Cat. No. NATE-0081

Lot. No. (See product label)

Introduction

Description

Native Bovine Acid Phosphatase (Prostatic) for research on phosphatase activity and prostate function. Ideal for biochemistry and enzymology studies. Creative Enzymes provides high-quality, reliable products.

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 prostate

Form

Partially purified, lyophilized powder

EC Number

EC 3.1.3.2

CAS No.

9001-77-8

Activity

~10 units/g solid

Unit Definition

One unit will hydrolyze 1.0 μ mole of p-nitrophenyl phosphate per min at pH 4.8 at 37°C. Prostatic acid phosphatase activity is the difference between the total acid phosphatase activity and the acid phosphatase activity in the presence of 20 mM tartrate.

Storage and Shipping Information

Storage

–20°C