

## ACPP

## ACPP, Native Human Prostatic Acid Phosphatase

<b>Catalog No.</b>	CSI14629A	<b>Quantity:</b>	1 KU
	CSI14629B		5 KU

**Alternate Names:** PAP

**Description:** Prostatic Acid Phosphatase is a phosphomonoesterase, an enzyme that cleaves phosphate groups from other molecules during digestion. Different organs produce different forms of acid phosphatase. The serum levels of which can be used as a diagnostic for disease in the corresponding organs. This form, human Prostatic Acid Phosphatase, is specific to human prostate. Acid Phosphatases are stored in lysosomes and function upon fusion with endosomes. The acidic environment of the endosome is required for function.

**Concentration:** Typically >0.1 protein/mg

**Gene ID:** 55

**Source:** Human Seminal Fluid

**Molecular Weight:** 100 kDa

**Formulation:** Lyophilized

**Purity:** >30% by SDS PAGE

**Appearance:** Off white powder

**Biological Activity:** Typically >10 U/mg @ 37°C



**Storage & Stability:** -20°C. 1 year.

**Contaminants:** Typically 10-25% Prostate Specific Antigen (PSA)

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**



**Cell Sciences®**  
480 Neponset Street  
Bldg 12A  
Canton, MA 02021

Toll Free: 888-769-1246  
Phone: 781-828-0610  
Fax: 781-828-0542

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)