

## ACPP, Native Human Prostatic Acid Phosphatase High Purity

Catalog No. CSI14633A Quantity: 500 units

CSI14633B 1 KU

Alternate Names: PAP

**Description:** Prostatic Acid Phosphatase is a phosphomonoesterase, an enzyme that cleaves

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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 >0.2 mg protein/mL

Gene ID: 55

Source: Human Seminal Fluid

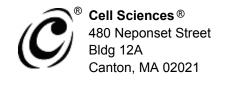
Molecular Weight: 100 kDa

Formulation: Lyophilized

**Purity:** >98% by SDS PAGE

Biological Activity: Typically >100 U/mg powder @ 37°C

Storage & Stability: -20°C. 1 year.





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

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