

Native Human Acid Phosphatase, Prostate

Cat. No. ACPP-5290H Lot. No. (See product label)

SPECIFICATION

Product Overview	Native human ACPP was expressed in Human Seminal Fluid. MW 100 kDa.
Species	Human
Source	Human Seminal Fluid
Description	ACPP is a phosphomonoesterase, an enzyme that cleaves phosphate groups from other molecules during digestion. Different organs produce different forms of ACPP. The serum levels of which can be used as a diagnostic for disease in the corresponding organs. This form, human ACPP, is specific to human prostate. ACPP are stored in lysosomes and function upon fusion with endosomes. The acidic environment of the endosome is required for function.
Form	Lyophilized
Molecular Weight	100 kDa
Purity	>30% by SDS PAGE
Appearance	Off white powder
Biological Activity	Typically >10U/mg @ 37°C
Concentration	Typically >0.1 protein/mg

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Pathways Riboflavinmetabolism

GENE INFORMATION

Gene Name [ACPP acid phosphatase, prostate \[Homosapiens \]](#)

Official Symbol [ACPP](#)

Synonyms ACPP; acid phosphatase,prostate; PAP; ACP3; 5"-NT; ACP-3; prostatic acid phosphatase; TMPase;5"-nucleotidase; OTTHUMP00000216106; OTTHUMP00000216107; OTTHUMP00000216108;ecto-5"-nucleotidase; thiamine monophosphatase; prostatic acid phosphotase;EC 3.1.3.2; EC 3.1.3.5

Gene ID [55](#)

mRNA Refseq [NM_001099](#)

Protein Refseq [NP_001090](#)

MIM [171790](#)

UniProt ID [P15309](#)

Chromosome Location 3q21-q23

Function 5"-nucleotidaseactivity; acid phosphatase activity; hydrolase activity

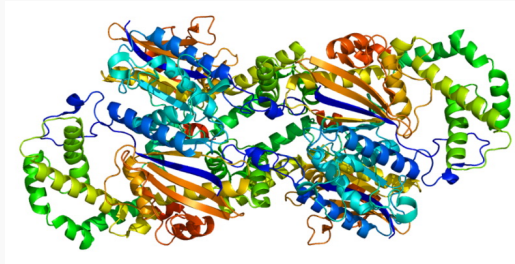
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