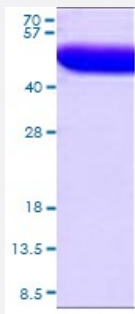


Bioactive

# ACPP (Human) Recombinant Protein

Catalog # P6814      Size 50 ug

## Applications



SDS-PAGE Stained with Coomassie Blue.

## Specification

<b>Product Description</b>	Human ACPP (NP_001090, 33 a.a. - 386 a.a.) partial recombinant protein with His tag expressed in Baculovirus expression system.
<b>Host</b>	Viruses
<b>Theoretical MW (kDa)</b>	41.8
<b>Form</b>	Liquid
<b>Preparation Method</b>	Baculovirus expression system
<b>Purity</b>	> 95% by SDS-PAGE
<b>Endotoxin Level</b>	< 1 EU/ug
<b>Activity</b>	Specific activity is > 100,000 unit/mg, and is defined as the amount of enzyme that hydrolyze 1.0 nmo le of p-nitrophenyl phosphate (pNPP) per minute at pH 5.0 at 37°C.
<b>Quality Control Testing</b>	SDS-PAGE Stained with Coomassie Blue SDS-PAGE Stained with Coomassie Blue.
<b>Recommend Usage</b>	SDS-PAGE The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.4 (10% glycerol)
Storage Instruction	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- SDS-PAGE

## Gene Info — ACP

Entrez GeneID	<a href="#">55</a>
Protein Accession#	<a href="#">P15309</a>
Gene Name	ACP
Gene Alias	ACP-3, ACP3, PAP
Gene Description	acid phosphatase, prostate
Omim ID	<a href="#">171790</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes an enzyme that catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is synthesized under androgen regulation and is secreted by the epithelial cells of the prostate gland. An alternatively spliced transcript variant encoding a longer isoform has been found for this gene. This isoform contains a transmembrane domain and is localized in the plasma membrane-endosomal-lysosomal pathway. [provided by RefSeq]
Other Designations	prostatic acid phosphatase

## Pathway

- [gamma-Hexachlorocyclohexane degradation](#)
- [Riboflavin metabolism](#)

## Disease

- [Tobacco Use Disorder](#)