

## Product datasheet for **TP761595**

### Prostatic Acid Phosphatase (ACPP) (NM\_001099) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human acid phosphatase, prostate (ACPP), transcript variant 1, full length, with N-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length ACPP
Tag:	N-His
Predicted MW:	41 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001090</a>
Locus ID:	55
UniProt ID:	<a href="#">P15309</a>
RefSeq Size:	3089
Cytogenetics:	3q22.1
RefSeq ORF:	1158
Synonyms:	5'-NT; ACP-3; ACP3



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**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, Sep 2008]

**Protein Families:**

Druggable Genome, Phosphatase, Transmembrane

**Protein Pathways:**

Riboflavin metabolism

**Product images:**