

## Product datasheet for **AR51776PU-N**

### ACPP / Prostatic acid phosphatase (33-386, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	ACPP / Prostatic acid phosphatase (33-386, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MKELKFVTLV FRHGDRSPID TFPTDPIKES SWPQGFGQLT QLGMEQHYEL GEYIRKRYRK FLNESYKHEQ VYIRSTDVDR TLMSAMTNLA ALVPPEGVSI WNPILLWQPI PVHTVPLSED QLLYLPFRNC PRFQLESET LKSEEFQKRL HPYKDFIATL GKLSGLHGQD LFGIWSKVYD PLYCESVHNF TLPSTRATEDT MTKLRELSSEL SLLSLYGIHK QKEKSRLQGG VLVNEILNHM KRATQIPSYK KLIMYSAHDT TVSGLQMALD VYNGLLPPYA SCHLTELYFE KGEYFVEMYY RNETQHEPYP LMLPGCSPSC PLERFAELVG PVIPQDWSTE CMTTNSHQGT EDSTD
Tag:	His-tag
Predicted MW:	43.2 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ACPP, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001090</a>
Locus ID:	55
UniProt ID:	<a href="#">P15309</a>
Cytogenetics:	3q22.1
Synonyms:	5'-NT; ACP-3; ACP3



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**Summary:**

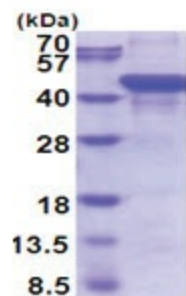
This gene encodes an enzyme that catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is synthesized under androgen regulation and is secreted by the epithelial cells of the prostate gland. An alternatively spliced transcript variant encoding a longer isoform has been 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:**

15% SDS-PAGE (3ug)