

Prostatic acid phosphatase, human recombinant
PAP, 5'-nucleotidase, ACP, 5'-NT, ACP-3, ACP3
Catalog # PBV11546r**Specification****Prostatic acid phosphatase, human recombinant - Product info**

Primary Accession	P15309
Concentration	0.5 mg/ml
Calculated MW	41.8 kDa KDa

Prostatic acid phosphatase, human recombinant - Additional Info

Gene ID	55
Other Names	
PAP, 5'-nucleotidase, ACP, 5'-NT, ACP-3, ACP3	
Gene Source	Human
Source	Baculovirus
Assay&Purity	SDS-PAGE;> 95%
Recombinant	Yes
Sequence	KELKFVTLVF RHGDRSPIDT FPTDPIKESS WPQGFQQLTQ LGMEQHYELG EYIRKRYRKF LNESYKHEQV YIRSTDVRT LMSAMTNLAA LFPPEGVSIW NPILLWQPIP VHTVPLSEDQ LLYLPFRNCP RFQELESETL KSEEFQKRLH PYKDFIATLG KLSGLHGQDL FGIWSKVYDP LYCESVHNFT LPSWATEDTM TKLRELSLS LLSLYGIHKQ KEKSRLQGGV LVNEILNHMK RATQIPSYKK LIMYSAHDTT VSGLQMALDV YNGLLPPYAS CHLTLYFEK GEYFVEMYR NETQHEPYPL MLPGCSPSCP LERFAELVGP VIPQDWSTEC MTTNSHQGTE DSTDHHHHHH

Target/Specificity
ACPP**Format**
Liquid**Storage**
-20°C;In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol**Prostatic acid phosphatase, human recombinant - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Prostatic acid phosphatase, human recombinant - Images

Prostatic acid phosphatase, human recombinant - Background

ACPP, also known as prostatic acid phosphatase isoform PAP, is a type I integral membrane protein of the plasma membrane and lysosomes, and a secreted form also exists. The concentration of ACPP is elevated in the circulation of prostate cancer patients, making the enzyme a marker for the progression of prostate cancer. Recombinant human ACPP, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.