

Acid Phosphatase Prostate, Human Recombinant, sf9

Item Number	rAP-1570
Synonyms	Acid Phosphatase, Prostate, Thiamine Monophosphatase, Ecto-5'-Nucleotidase, 5'-Nucleotidase, EC 3.1.3.2, TMPase, 5'-NT, Prostatic Acid Phosphatase, Prostatic Acid Phosphotase, EC 3.1.3.5, ACP-3, ACP3, PAP.
Description	ACPP produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 360 amino acids (33-386 a.a.) and having a molecular mass of 41.8kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions).
Uniprot Accesion Number	P15309
Amino Acid Sequence	KELKFVTLVF RHGDRSPIDT FPTDPIKESS WPQGFGQLTQ LGMEQHYELG EYIRKRYRKF LNESYKHEQV YIRSTDVDR LMSAMTNLAA LFPPEGVSIW NPILLWQPIP VHTVPLSEDQ LLYLPFRNCP RFQELESETL KSEEFQKRLH PYKDFIATLG KLSGLHGQDL FGIWSKVYDP LY-CESVHNFT LPSWATEDTM TKLRELSELS LLSLYGIHKQ KEKSRLQGGV LVNEILNHMK RATQIPSYKK LIMYSAHDTT VSGLQMALDV YNGLLPPYAS CHLTELYFEK GEYFVEMYYR NETQHEPYPL MLPGCSPSCP LER-FAELVGP VIPQDWSTEC MTTNSHQGTE DSTDHHHHHH.
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	ACPP protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**