

Acid Phosphatase Prostate Human Recombinant

Item Number	rAP-1564
Synonyms	PAP, ACP3, ACP-3, Acid phosphatase, prostate, 5'-nucleotidase, 5'-NT, Ecto-5'-nucleotidase, Thiamine monophosphatase, TMPase.
Description	ACPP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 375 amino acids (33-386 a.a) and having a molecular mass of 43.2kDa.ACPP is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P15309
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MKELKFVTLV FRHGDRSPID TFPTDPIKES SWPQGFGQLT QLGMEQHYEL GEYIRKRYRK FLNESYKHEQ VYIRSTDVDR TLMSAMTNLA ALVPPEGVSI WNPILLWQPI PVHTVPLSED QLLYLPFRNC PRFQELESET LKSEEFQKRL HPYKDFIATL GKLSGLHGQD LFGIWSKVYD PLYCESVHNF TLPSRATEDT MTKLRELSL SLLSLYGIHK QKEKSRLQGG VLVNEILNHM KRATQIPSYK KLIMYSAHDT TVSGLQMALD VYNGLLPPYA SCHLTE- LYFE KGEYFVEMY Y RNETQHEPYP LMLPGCSPSC PLERFAELVG PVIPQDWSTE CMTTNSHQGT EDSTD.
Source	Escherichia Coli.
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) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol. Greater than 85.0% 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**