

RPPB5780

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## Product Information    Protein Information

**Product SKU:**

RPPB5780

**Accession:**

P15309

**Host:**

Escherichia Coli.

**Protein 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.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

PAP, ACP3, ACP-3, Acid phosphatase, prostate, 5'-nucleotidase, 5'-NT, Ecto-5'-nucleotidase, Thiamine monophosphatase, TMPase.

**Formulation:**

ACPP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

**Purity:**

Greater than 85.0% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MKELKFVTLV FRHGDRSPID TFPTDPIKES SWPQGFQQLT QLGMEQHYEL  
GEYIRKRYRK FLNESYKHEQ VYIRSTDVDR TLMSAMTNLA ALVPPEGVSI WNPILLWQPI PVHTVPLSED  
QLLYLPRFNC PRFQELESET LKSEEFQKRL HPYKDFIATL GKLSGLHGQD LFGIWSKVYD PLYCESVHNF  
TLPSRATEDT MTKLRESEL SLLSLYGIHK QKEKSRLQGG VLVNEILNHM KRATQIPSYK KLIMYSAHDT  
TVSGLQMALD VYNGLLPPYA SCHLTLYFE KGEYFVEMY RNETQHEPYP LMLPGCSPSC PLERFAELVG  
VPVQDWSTE CMTTNSHQGT EDSTD.