

RPPB5781

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## Product Information    Protein Information

**Product SKU:**

RPPB5781

**Accession:**

P15309

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

ACPD 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). ACPD is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**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.

**Formulation:**

ACPD protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 95.0% 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:**

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  
CHLTELYFEK GEYFVEMYR NETQHEPYPL MLPGCSPSCP LERFAELVGP VIPQDWSTEC MTTNSHQGTE  
DSTDHHHHHH.