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32-6642: ACPP Human, Sf9

Alternative Name :	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

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Acid phosphatase, prostate (ACPP) is a non-specific tyrosine phosphatase, which dephosphorylates a varied number of substrates under acidic conditions (pH 4-6) including alkyl, aryl, and acyl orthophosphate monoesters and phosphorylated proteins. ACPP has lipid phosphatase activity and inactivates lysophosphatidic acid in seminal plasma.
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).Â

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	ACPP protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	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 :	KELKFVTLVF RHGDRSPIDT FPTDPIKESS WPQGFGQLTQ LGMEQHYELG EYIRKRYRKF LNESYKHEQV YIRSTDVDRT LMSAMTNLAA LFPPEGVSIW NPILLWQPIP VHTVPLSEDQ LLYLPFRNCP RFQELESETL KSEEFQKRLH PYKDFIATLG KLSGLHGQDL FGIWSKVYDP LYCESVHNFT LPSWATEDTM TKLRELSELS LLSLYGIHKQ KEKSRLQGGV LVNEILNHMK RATQIPSYKK LIMYSAHDTT VSGLQMALDV YNGLLPPYAS CHLTELYFEK GEYFVEMYYR NETQHEPYPL MLPGCSPSCP LERFAELVGP VIPQDWSTEC MTTNSHQGTE DSTDHHHHHH.

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