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ACPP, 33-386aa, Human, His tag, E.coli

产品货号: TP01044

第三版

别名: Acid phosphatase, prostate, PAP, ACP3, ACP-3

描述: ACPP, also known as Acid phosphatase, prostate. ACPP is a non-specific tyrosine phosphatase that dephosphorylates a diverse number of substrates under acidic conditions (pH 4-6) including alkyl, aryl, and acyl orthophosphate monoesters and phosphorylated proteins. It has lipid phosphatase activity and inactivates lysophosphatidic acid in seminal plasma. Recombinant human ACPP, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

分子量: 43.2kDa (375aa)

序列:

MGSSHHHHHHSSGLVPRGSHMKELKFVTLVFRHGDRSPIDTFPTDPIKESSWPQGFGQLTQLGMEQHYELGEYIRKRYRK
FLNESYKHEQVYIRSTDVDRTLMSAMTNLAALVPPEGVSIWNPILLWQIPVHTVPLSEDQLLYLPRNCPRFQELESETLKS
EEFQKRLHPYKDFIATLGKLSGLHGQDLFGIWSKVYDPLYCESVHNFTLPSRATEDTMTKLRELSLSLLSYGIHKQKEKSR
LQGGVLVNEILNHMKRATQIPSYKKLIMYSAHDTTVSGLQMALDVYNGLLPPYASCHLTLEYFEKGEYFVEMYRNETQH
EPYPLMLPGCSPSCPLERFAELVGPVIPQDWSTECMTTNSHQGTEDSTD

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.