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ACP2, 31-380aa, Human, His tag, E.coli

产品货号: TP01040

第三版

别名:Lysosomal acid phosphatase isoform 1, LAP

描述:ACP2 also known as Lysosomal acid phosphatase isoform 1. ACP2 is composed of two subunits, alpha and beta, and is chemically and genetically distinct from red cell acid phosphatase. it is a member of a family of distinct isoenzymes which hydrolyze orthophosphoric monoesters to alcohol and phosphate. Acid phosphatase deficiency is caused by mutations in the ACP2 (beta subunit) and ACP3 (alpha subunit) genes. Recombinant human ACP2, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

分子量:42.9kDa (373aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSRLRFVTLRYRHGDRSPVKTPKDPYQEEEWPPQGFQQLTKEGMLQHWELGQALR  
QRYHGFLNTSYHRQEVYVRSTDFDRTLMSAEANLAGLFPNGMQRFNPNISWQPIPVHTVPITEDRLLKFPLGPCPRYEQL  
QNETRQTPEYQNESSRNAQFLDMVANETGLTDLTLETVWNVYDTLFCQETHGLRLPPWASPQTMQRLSRLKDFSFRFLF  
GIYQQA EKARLQGGVLLAQIRKNLTLMATTSQLPKLLVYSAHDTTLVALQMALDVYNGEQAPYASCHIFELYQEDSGNFS  
VEMYFRNESDKAPWPLSLPGCPHRCPLQDFLRLTEPVVPKDWQQECQLASGPADTE

纯度:> 95% by HPLC

浓度:1mg/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.