

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

Alpl, 19-503aa, Mouse, His-tag, Baculovirus (Bioactivity Validated)

产品货号: TP01142

第三版

别名:Alkaline phosphatase, tissue-nonspecific isozyme, Alpl, Akp-2, Akp2, ALP, APTNAP, TNAP, TNSALP, HOPS

描述:Alpl, also known as alkaline phosphatase, tissue-nonspecific isozyme, is one of alkaline phosphatases. There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue-nonspecific). The product of this gene is a membrane-bound glycosylated enzyme that is not expressed in any particular tissue and is, therefore, referred to as the tissue-nonspecific form of the enzyme. A proposed function of this form of the enzyme is matrix mineralization. Recombinant mouse Alpl, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:54.5kDa (493aa), 50-70KDa (SDS-PAGE under reducing conditions.)

序列:

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VPEKERDPSYWRQQAQETLKNALKLQKLNTNVAKNVIMFLGDGMGVSTVTAARILKQQLHHNTGEETRLEMDKFPFVA  
LSKTYNTNAQVPDSAGTATAYLCGVKANEGTVGVSAATERTRCNTTQGNEVTSILRWAKDAGKSVGIVTTTRVNHATP  
SAAYAHSADRDWYSDNEMPPEALSQGCKDIAYQLMHNKIDIDVIMGGGRKYMYPKNRTDVEYELDEKARGTRLDGLDL  
ISIWKSFKPRHKHSHYVWNRTPELLALDPSRVDYLLGLFEPGDMQYELNRNNTDPSLSEMVEVALRILTKNLKGFLLVEG  
GRIDHGHHEGKAKQALHEAVEMDQAIGKAGAMTSQKDTLTVVTADHSHVFTFGGYTPRGNSIFGLAPMVSDTDKPKF  
TAILYGNPGYKVV DGERENVSMVDYAHNNYQAQSAVPLRHETHGGEDVAVFAKGPMALLHGVHEQNYIPHVMAY  
ASCIGANLDHCAWAGSGLEHHHHHH
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纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by Absorbance at 280nm)

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.