

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

AK1, 1-194aa, Human, His tag, E.coli

产品货号: TP01100

第三版

别名: Adenylate kinase isoenzyme1, ATP-AMP transphosphorylase 1, Myokinase.

描述: AK1 is an enzyme involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of the terminal phosphate group between ATP and AMP. This protein is found in the cytosol of skeletal muscle, brain and erythrocytes.

配方: Liquid. In 20 mM Tris-HCl Buffer (pH 7.5) containing 10% Glycerol

分子量: 23.7 kDa (214aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMEEKLKKTKIIFVVGPGSGKGTQCEKIVQKYGYTHLSTGDLRSEVSSGSARGKKLSEIM  
EKGQLVPLETVLDMRLDAMVAKVNTSKGFLIDGYPREVQQGEFERRIGQPTLLLYVDAGPETMTQRLLKRGETSGRVD  
DNEETIKKRLETYYKATEPVIAFYEKRGIVRKVN AEGSVDSVFSQVCTHLDALK

纯度: > 95% by HPLC

浓度: 1 mg/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.