

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。

AK4, 1-223aa, Human, His tag, E.coli

产品货号: TP01102

第三版

别名: Adenylate kinase 4, AK3, AK3L1, AK3L2, MGC166959.

描述: AK4 (adenylate kinase 4) is a member of the adenylate kinase family of enzymes. This protein is localized to the mitochondrial matrix. Adenylate kinases regulate the adenine and guanine nucleotide compositions within a cell by catalyzing the reversible transfer of phosphate group among these nucleotides.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 2mM DTT, 0.1M NaCl.

分子量: 27.4 kDa (243aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMASKLLRAVILGPPGSGKGTVCQRIAQNFGFLQHLSSGHFLRENIKASTEVEGEMAKQYIEK
SLLVPDHSVITRLMMSELENRRGQHWLLDGFPRTLGQAEALDKICEVDLVISLNIPFETLKDRLSRRWIHPPSGRVYNLDFNP
PHVHGIDDVTGEPLVQQEDDKPEAVAARLRQYKDVAKPVIELYKSRGVLHQFSGTETNKIWPYVYTLFSNKITPIQSKEAY

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.