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AK5, 1-562aa, Human, His tag, E.coli

产品货号: TP01103

第三版

别名: Adenylate kinase isoenzyme 5, AK6

描述: AK5, also known as adenylate kinase isoenzyme 5, is a member of the adenylate kinase family, which is involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. This member is related to the UMP/CMP kinase of several species. It is located in the cytosol and expressed exclusively in brain. Recombinant human AK5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

分子量: 65.9 kDa (586aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSHMNTNDAKEYMARREIPQLFESLLNGLMCSKPEDPVEYLESCLQVKELGGCDKV
KWDTFVSQEKKTLPLNGGQSRRLRNVMGNSNFPYRRYDRLPPIHQFSIESDTDLSETAELIEEYEVFDPTRPRPKIILVIG
GPGSGKGTQSLKIAERYGFQYISVGELLRKKIHSTSSNRKWSLIAKIITTGELAPQETTITEIKQKLMQIPDEEGIVIDGFPRDV
AQALSFEDQICTPDLVVFLACANQRLKERLLKRAEQQGRPDDNVKATQRRLMNFQNAAPLVKYFQEKGLIMTFDADR
DEDEVFYDISMAVDNKLFPNKEAAAGSSDLDPMSMILDTGEIIDTGSYEDQGDDQLNVFGEDTMGGFMEDLRKCKIIFIIG
GPGSGKGTQCEKLVEKYGFTHLSTGELLREELASESERSKLIRDIMERGDLVPSGIVLELLKEAMVASLGDTRGFLIDGYPRE
VKQGEEFGRRIGDPQLVICMDCSADTMTNRLLQRSRSLPVDDTTKTIKRLEAYRASIPVIAYYETKTQLHKINAEGTPE
DVFLQLCTAIDSIF

纯度: > 95% by HPLC

浓度: 0.25 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.