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GUK1, 1-197aa, Human, His tag, E.coli

产品货号: TP02375

第三版

别名: Guanylate kinase, GMK, GMP kinase

描述: GUK1, also known as GMK, belongs to the guanylate kinase family. This protein exists as a monomer that catalyzes the ATP-dependent conversion of GMP to GDP, thereby playing an essential role in the recycling of GMP. Via its catalytic activity, GUK1 is thought to participate in regulating the supply of guanine nucleotides to signal transduction pathways.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 1mM DTT, 0.1M NaCl.

分子量: 23.9 kDa (217aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSGPRPVVLSGSPGAGKSTLLKRLQEHSGIFGFSVSHHTTRNPRPGEENGKDYYFVTREV
MQRDIAAGDFIEHAEFSGNLYGTSKVAVQAVQAMNRICVLDVLDLQGVRNIKATDLRPIYISVQPPSLHVLEQRLRQRNTE
TEESLVKRLAAQAQADMESSEKPEGLFDVVIINDSLDQAYAELKEALSEEIKKAQRTGA

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.