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UCK2, 1-261aa, Human, His tag, E.coli

产品货号: TP04414

第三版

别名:Uridine-cytidine kinase 2, TSA903, UK, UMPK

描述:UCK2 also known as uridine-cytidine kinase 2 is belongs to the uridinekinase family. UCK2 catalyzes the phosphorylation of uridine monophosphate to uridine diphosphate and cytidine monophosphate. It plays a role in the production of pyrimidine nucleoside triphosphates required for RNA and DNA synthesis. In addition, an allele of this gene may play a role in mediating nonhumoral immunity to Hemophilus influenzae type B. Recombinant human UCK2 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 2mM DTT, 100mM NaCl, 0.1mM PMSF, 1mM EDTA

分子量:30.3kDa (269aa), confirmed by MALDI-TOF

序列:

MAGDSEQLQNHQQPNGGEPFLIGVSGGTASGKSSVCAKIVQLLGQNEVDYRQKQVVILSQDSFYRVLTSEQKAKALKG
QFNFDHPDAFDNELILKTLKEITEGKTVQIPVYDFVSHSRKEETVTVYPADVVLFEGLAFYSQEVRDLFQMCLFVDTDAD
TRLSRRVLRDISERGRDLEQILSQYITFVKPAFEFCLPTKKYADVIIIPRGADNLVAINLIVQHIQDILNGGPPSKRQTNGCLNG
YTPSRKRQASESSSRPHLEHHHHHH

纯度:> 95% by HPLC

浓度:1mg/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.