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UCK1, 143-273aa, Human, His tag, E.coli

产品货号: TP04413

第三版

别名:Uridine-cytidine kinase 1 isoform a , FLJ12255, RP11-334J6.5, URK1

描述:UCK1 is a uridine-cytidine kinase that catalyzes the phosphorylation of uridine and cytidine to uridine monophosphate (UMP) and cytidine monophosphate (CMP) but not the phosphorylation of deoxyribonucleosides or purine ribonucleosides. This enzyme can also phosphorylate uridine and cytidine analogs and uses both ATP and GTP as a phosphate donor. Alternative splicing results in multiple splice variants encoding distinct isoforms. Recombinant human UCK1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

分子量:17.5 kDa(152aa)

序列:

MGSSHHHHHSSGLVPRGSHMFYSQEIRD MFHLRLFVDTSDVRLSRRVLRDVRRGRDLEQILTQYTTFFVKPAFEFCLP  
TKKYADVIIIPRGVDNMVA INLIVQHIQDILNGDICKWHRGGSNGRSYKRTFSEPGDHPGMLTSGKRSHLESS

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.