

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。

CKMT1A, 40-417aa, Human, His tag, E.coli

产品货号: TP01631

第三版

别名: Creatine kinase U-type, mitochondrial, CKMT1; CKMT1B; UMTCK

描述: Mitochondrial creatine (MtCK) kinase is responsible for the transfer of high energy phosphate from mitochondria to the cytosolic carrier, creatine. It belongs to the creatine kinase isoenzyme family. It exists as two isoenzymes, sarcomeric MtCK and ubiquitous MtCK, encoded by separate genes.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol

分子量: 45 kDa (403aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMASERRRYPPEAEYDRLRKHNNCMASHLTPAVYARLCDKTTPTGWTLDDQCIQT
GVDNPGHPFIKTVGMVAGDEETYEVFADLDFPVIQERHNGYDPRMTMKHTTDL DASKIRSGYFDERYVLSRVRTGRSIRG
LSLPPACTRAERREVERVVVDALSGLKGDLAGRYRRLSEMTEAEQQQLIDDHFLDKPVSPLLAAGMARDWPDARGIW
HNNEKSFLIWWNEEDHTRVISMEEKGGNMKRVFERFCRGLKEVERLIQERGWFMWNERLGYILTCPSNLGTGLRAGVHI
KLPLLSKDSRFPKILENLRLQKRGTGGVDTAATGGVFDISNLDRLGKSEVELVQLVIDGVNYLIDCERRLERGQDIRIPTPVI
HTKH

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.