

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。

CKB, 1-381aa, Human, E.coli

产品货号: TP01629

第三版

别名: Creatine Kinase B-type, B-CK, BCK, CKBB, HEL-211, HEL-S-29, B CK, BB-CK, Brain creatine kinase, Ckb, Creatine kinase B, Creatine kinase B chain.

描述: CKB, also known as Creatine Kinase B-type, is encoded by this gene is a cytoplasmic enzyme involved in energy homeostasis. The encoded protein reversibly catalyzes the transfer of phosphate between ATP and various phosphogens such as creatine phosphate. It acts as a homodimer in brain as well as in other tissues, and as a heterodimer with a similar muscle isozyme in heart. Recombinant human CKB, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-Hcl Buffer (pH 8.0) containing 10% glycerol, 1mM DTT.

分子量: 42.6kDa (381aa), confirmed by MALDI-TOF

序列:

MPFSNSHNALKLRFPAEDEFDLSAHNNHMAKVLTPELYAELRAKSTPSGFTLDDVIQTGVDNPGHPYIMTVGCVAGDEE
SYEVFKDLFDPIIEDRHGGYKPSDEHKTDLNPDNLQGGDDLDPNYVLSSRVRTGRSIRGFCLPPHCSRGERRAIEKLAVEAL
SSLDGDLAGRYYALKSMTEAEQQQLIDDHFLFDKPVSPLLLASGMARDWPDARGIWHNDNKTFLVWVNEEDHLRVISM
QKGGNMKEVFTRFCTGLTQIETLFKSKDYEFMWNPHLGYILTCPNLTGLRAGVHIKLPNLGKHEKFSEVLKRLRLQKR
GTGGVDTAAVGGVFDVSNADRLGFSEVELVQMVVDGVKLLIEMEQRLEQQQAIDDLMPAQK

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.