

Recombinant Human CKB Protein, N-His tagged

Cat. No. CKB-07H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human Creatine Kinase MB Protein, N-His protein is expressed in E. coli. It contains the amino acid sequence of 1-381.
Species	Human
Source	E.coli
ProteinLength	1-381aa
Description	The protein 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. The encoded protein is a member of the ATP:guanido phosphotransferase protein family. A pseudogene of this gene has been characterized.
Tag	N-His
Applications	ELISA
Storage	The product should be stored at -70 or -20 centigrade.
Storage Buffer	0.01 M TBS (pH7.4)

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GENE INFORMATION

Gene Name CKB creatine kinase B [Homo sapiens (human)]

Official Symbol CKB

Synonyms CKB; creatine kinase B; BCK; B-CK; CKBB; CPK-B; HEL-211; HEL-S-29; creatine kinase B-type; brain creatine kinase; creatine kinase B chain; creatine kinase brain; creatine kinase brain-type; creatine phosphokinase B-type; epididymis luminal protein 211; epididymis secretory protein Li 29; EC 2.7.3.2

Gene ID 1152

mRNA Refseq NM_001823

Protein Refseq NP_001814

MIM 123280

UniProt ID P12277

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