

Recombinant Human CKB protein, His-tagged

Cat. No. CKB-495H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CKB protein(P12277)(Pro2-Lys381) was expressed in Insect Cells, fused with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	2-281 a.a.
Tag	N-His
Form	Supplied as sterile 50mM Tris, 100mM NaCl, 10% glycerol, pH 8.0.
Molecular Mass	The recombinant human CKB consists of 398 amino acids and has a calculated molecular mass of 44.8 kDa. The recombinant protein migrates as an approximately 45 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CKB creatine kinase, brain [Homo sapiens]

Official Symbol CKB

Synonyms CKB; creatine kinase, brain; CKBB; creatine kinase B-type; creatine kinase-B; creatine kinase B chain; B-CK

Gene ID 1152

mRNA Refseq NM_001823

Protein Refseq NP_001814

MIM 123280

UniProt ID P12277

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