

Recombinant Human CKM, His tagged

Cat. No. CKM-116H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CKM (AAH07462.1) (Met1-Lys381), fused with a polyhistide tag at the N-terminus, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-381 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile 100mM HEPES, pH 7.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human CKM consists of 396 amino acids and predicts a molecular mass of 44.9 KDa. It 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
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

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

GENE INFORMATION

Gene Name CKM creatine kinase, muscle [Homo sapiens]

Official Symbol CKM

Gene ID 1158

mRNA Refseq NM_001824

Protein Refseq NP_001815

MIM 123310

UniProt ID P06732

Chromosome Location 19q13.32

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