

Recombinant Human CKM protein, GST-tagged

Cat. No. CKM-7325H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CKM protein(P06732)(1-381aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-381a.a.
Tag	GST
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	70.6 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MPFGNTHNKFKLNYKPEEEYPDLSKHNNHMAKVLTLLEYKKLKRDKETPSGFTVDDVI
 QTGVDNPGHPFIMTVGCVAGDEESYEVFKELFDPIISDRHGGYKPTDKHKTDLNHEN
 LKGGDDLDPNYVLSSRVRTGRSIKGYTLPPHCSRGERRAVEKLSVEALNSLTGEFK
 GKYYPLKSMTEKEQQQLIDDHFLFDKPVSPLLLASGMARDWPDARGIWHNDNKSFL
 VVVNEEDHLRVISMEKGGNMKEVFRRFCVGLQKIEEIFKKAGHPFMWNQHLGYVLT
 CPSNLGTGLRGGVHVKLAHLSKHPKFEEILTRLRLQKRGTGGVDTAAVGVSFVDSN
 ADRLGSSEVEQVQLVVDGVKLMVEMEKKLEKQSIDDMIPAQK

GENE INFORMATION

Gene Name CKM creatine kinase, muscle [Homo sapiens]

Official Symbol CKM

Synonyms CKM; creatine kinase, muscle; CKMM; creatine kinase M-type; creatine kinase-M; creatine kinase M chain; M-CK;

Gene ID 1158

mRNA Refseq NM_001824

Protein Refseq NP_001815

MIM 123310

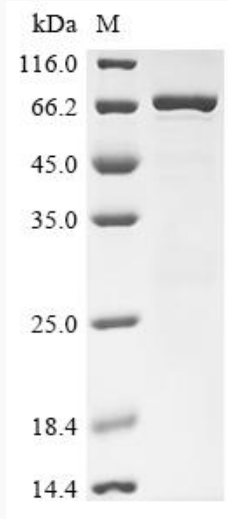
UniProt ID P06732

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SDS-PAGE



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