

# Recombinant Human CKM protein, GST-tagged

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CKM protein(P06732)(1-381aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-381a.a.                                                                                                                                                                                                                                        |
| <b>Tag</b>              | GST                                                                                                                                                                                                                                              |
| <b>Form</b>             | 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.               |
| <b>Molecular Mass</b>   | 70.6 kDa                                                                                                                                                                                                                                         |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                   |
| <b>Reconstitution</b>   | 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 |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

**AA Sequence**

MPFGNTHNKFKLNYKPEEEYPDLSKHNNHMAKVLTELEYKKLRDKETPSGFTVDDVI  
 QTGVDNPGHPFIMTVGCVAGDEESYEVFKELFDPIISDRHG GYKPTDKHKTDLNHEN  
 LKGGDDLDPNYVLSSRVRTGRSIKGYTLPPHCSRGERRAVEKLSVEALNSLTGEFK  
 GKYYPLKSMTEKEQQQLIDDHFLFDKPVSPLLLASGMARDWPDARGIWHNDNKSFL  
 VVVNEEDHLRVISMEKGGNMKEVFRRFCVGLQKIEEIFKKAGHPFMWNQHLGYVLT  
 CPSNLGTGLRGGVHVKLAHLSKHPKFEEILTRLRLQKRGTGGVDTAAVGSVFDVSN  
 ADRLGSSEVEQVQLVVDGVKLMVEMEKKLEKGQSIDDMIPAQK

**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](#)

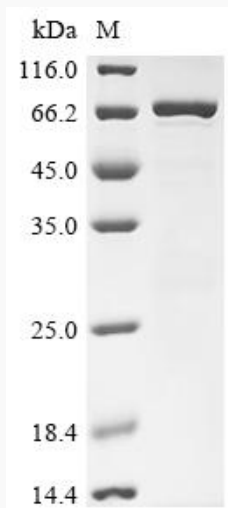
**MIM** [123310](#)

**UniProt ID** [P06732](#)

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**SDS-PAGE**

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