



Recombinant Cat CKM Protein Product Manual

1. Product Basic Information

Product No.: REP06475

Protein Name: Cpk-Creatine Kinase M-Type (CKM)

Aliases: CKMM; M-CK; CPK-creatine kinase M-type; creatine kinase M chain; creatine kinase, M-type; creatine kinase, muscle; creatine phosphokinase M-type

UniProt ID: P06732

UniProt Link: <https://www.uniprot.org/uniprotkb/P06732/entry>

Species Source: Felis catus (Cat) (Felis silvestris catus)

Expression System: E.coli

Protein Length: Partial (179-424aa)

Molecular Weight: 27.9 kDa

Protein Tag: Tag-Free

2. Amino Acid Sequence (179-424aa)

SIKGYTLPPHCSRGERRAVEKLSVEALNSLTGEFKGKYYPLKSMTEQEQQQLIDDH
FLFDKPVSPLLLASGMARDWPDARGIWHNDNKSFLVWVNEEDHLRVISMEKGGNM
KEVFRRFCVGLQKIEEIFKKAGHPFMWNEHLGYVLTCPSNLGTGLRGGVHVLAHL
SKHPKFEEILTRLRLQKRGTGGVDTAAVGSVFDVSNADRLGSSEVEQVQLVVDGVK
LMVEMEKKLEKGQSIDDMIPAQK

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the

5. Product Description

This product is a recombinant Cat CKM partial protein (179-424aa) expressed in E.coli. The protein is tag-free. CKM, also known as CKMM or M-CK or CPK-creatine kinase M-type, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.