

Recombinant Mouse Ckmt2 protein, His-tagged

Cat. No. Ckmt2-573M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ckmt2 protein(Q6P8J7)(40-419aa), fused with N-terminal His tag, was expressed in Yeast.
Species	Mouse
Source	Yeast
ProteinLength	40-419aa
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	45.4 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 concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

DAREQHKLFPPSADYPDLRKHNNCMAECLTPTIYAKLRNKMTPSGYTLDQCIQTGV
 DNPGHPFIKTVGMVAGDEESYEVFADLPVIKLRHNGYDPRVMKHPTDLDASKITH
 GQFDERYVLSSRVRTGRSIRGLSLPPACSRARREVENVAITALEGLKGDLAGRYK
 LSEMTEQDQQLIDDHFLFDKPVSPLLTCAGMARDWPDARGIWHNYDKTFLIWINEE
 DHTRVISMEEKGGNMKRVFERFCRGLKEVERLIQERGWEFMWNERLG YILTCPSNLG
 TGLRAGVHVRIPKLSKDPFRFSKILENLRLQKRGTTGGVDTAAVADVYDISNIDRIGRSE
 VELVQIVIDGVNYLVDCEKKLERGQDIKVPPLPQFGRK

GENE INFORMATION
Gene Name

Ckmt2 creatine kinase, mitochondrial 2 [*Mus musculus*]

Official Symbol

Ckmt2

Synonyms

CKMT2; creatine kinase, mitochondrial 2; creatine kinase S-type, mitochondrial; S-MtCK; mib-CK; basic-type mitochondrial creatine kinase; sarcomeric mitochondrial creatine kinase; ScCKmit; 2300008A19Rik;

Gene ID

76722

mRNA Refseq

NM_198415

Protein Refseq

NP_940807