

Human CKMT2 Recombinant Protein



RPPB2486

Product Information Protein Information

Product SKU:

RPPB2486

Accession:

P17540

Host:

E.coli.

Protein description:

CKMT2 Human Recombinant produced in E. coli is a single polypeptide chain containing 405 amino acids (40-419) and having a molecular mass of 46.1 kDa. CKMT2 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Creatine kinase mitochondrial 2 (sarcomeric), Basic-type mitochondrial creatine kinase, Sarcomeric mitochondrial creatine kinase, creatine kinase S-type, mitochondrial, SMTCK, Mib-CK, EC 2.7.3.2.

Formulation:

The CKMT2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHH SGLVPRGSH MGSHEVREQ PRLFPPSADY PDLRKHNNCM AECLTPAIYA KLRNKVTPNG
YTLDQCIQTG VDNPGHPFIK TVGMVAGDEE SYEVFADLFD PVIKLRHNGY DPRVMKHTTD LDASKITQQG
FDEHYVLSSR VRTGRSIRGL SLPPACTRAE RREVENVAIT ALEGLKGDLA GRYYKLSEMT EQDQQLIDD
HFLFDKPVSP LLTCAGMARD WPDARGIWHN YDKTFLIWIN EEDHTRVISM EKGGMKRVF ERFCRGLKEV
ERLIQERWE FMWNERLGYI LTCPSNLGTG LRAGVHVRIP KLSKDPFRFSK ILENLRLQKR GTGGVDAAV
ADVVDISNID RIGRSEVELV QIVIDGVNYL VDCEKKLERG QDIKVPPLP QFGKK