

Human CKMT1A Recombinant Protein



RPPB2485

Product Information Protein Information

Product SKU:

RPPB2485

Accession:

P12532

Host:

E.coli.

Protein description:

CKMT1A Human Recombinant produced in E. coli is a single polypeptide chain containing 403 amino acids (40-417) and having a molecular mass of 45.0 kDa. CKMT1A 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 1A, creatine kinase mitochondrial 1 (ubiquitous), creatine kinase U-type mitochondrial, Acidic-type mitochondrial creatine kinase, Ubiquitous mitochondrial creatine kinase, CKMT1, U-MtCK, mia-CK, EC 2.7.3, EC 2.7.3.2.

Formulation:

The CKMT1A solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.

Purity:

Greater than 95% 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 SSGLVPRGSH MGSHTMASERR RLYPPSAEYP DLRKHNNCMA SHLTPAVYAR LCDKTTPTGW
TLDQCIQTGV DNPQHPIKT VGMVAGDEET YEVFADLFDP VIQERHNGYD PRMTKHHTDL DASKIRSGYF
DERYVLSSRV RTGRSIRGLS LPPACTRAER REVERVVVDA LSGLKGDLAG RYYRLSEMTE AEQQQLIDH
FLFDKPVSP LTAAGMARDW PDARGIWHNN EKSFLIWWNE EDHTRVISME KGGNMKRVFE RFCRGLKEVE
RLIQERGWEF MWNERLGYIL TCPSNLGTGL RAGVHIKPL LSKDSRFPKI LENLRLQKRG TGGVDTAATG
GVFDISNLDR LGKSEVELVQ LVIDGVNYLI DCERRLERGQ DIRIPTVVIH TKH