

Recombinant Human CKMT1A protein, His-tagged

Cat. No. CKMT1A-8626H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CKMT1A protein(P12532-1) (Ala40-His417) was expressed in Insect Cells, with a polyhistide tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	40-417 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.5, 10% gly.
Molecular Mass	The recombinant human CKMT1A consists of 396 amino acids and predicts a molecular mass of 45.3 KDa. It migrates as an approximately 43 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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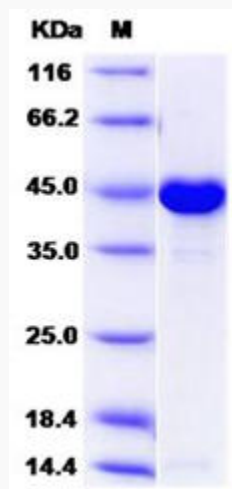
 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	CKMT1A creatine kinase, mitochondrial 1A [Homo sapiens]
Official Symbol	CKMT1A
Synonyms	CKMT1A; creatine kinase, mitochondrial 1A; CKMT1, creatine kinase, mitochondrial 1 (ubiquitous); creatine kinase U-type, mitochondrial; U-MtCK; mia-CK; ubiquitous mitochondrial creatine kinase; acidic-type mitochondrial creatine kinase; creatine kinase, mitochondrial 1 (ubiquitous); CKMT1; UMTCK; CKMT1B; FLJ50967;
Gene ID	548596
mRNA Refseq	NM_001015001
Protein Refseq	NP_001015001
MIM	613415
UniProt ID	P12532

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SDS-PAGE



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