

Creatine Kinase, Mitochondrial 1A (CKMT1A) Recombinant Protein | CKMT1A recombinant protein

Recombinant Creatine Kinase, Mitochondrial 1A (CKMT1A)

CATALOG # AAA153321	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Creatine Kinase; Mitochondrial 1A (CKMT1A); Recombinant Creatine Kinase; Mitochondrial 1A; CKMT1A recombinant protein (prokaryotic); Mouse; CKMT; CKMT1-A; Mia-CK; U-MtCK; Creatine kinase U-type; mitochondrial; Ubiquitous mitochondrial creatine kinase; Acidic-type mitochondrial creatine kinase; CKMT1A recombinant protein

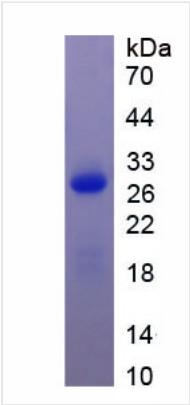
PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 97% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Glu43~Ile251
Applicable Applications for CKMT1A recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.5
Subcellular Location	Secreted
Research Area	Cardiovascular biology
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

ERRRLYPPSAETPOLRENNCMASHLTPAVYARLCCKTTPTQWTLDOCIQTGVNPGHFFTKTVGMVAGDETYEVPFAELFPVIGERRH
GYDPTMNMHTTOLDASKEIESCTFDERTVLSRVRTGSRIGLSLPPACTRAEEREVEVVYDALSGLGDLAGRYRLSMTAEAAQQLI
DDHFLFDFVSPFLTTAAGAGWPAAGI

Amino Acid Info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CKMT1A recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6753428
NCBI GeneID	12716
NCBI Accession #	NP_034027.1
NCBI GenBank Nucleotide #	NM_009897.2
UniProt Accession #	P30275
Molecular Weight	47,004 Da
NCBI Official Full Name	creatine kinase U-type, mitochondrial
NCBI Official Synonym Full Names	creatine kinase, mitochondrial 1, ubiquitous
NCBI Official Symbol	Ckmt1
NCBI Official Synonym Symbols	Mt-CK; mi-CK; ScCKmit; UbCKmit
NCBI Protein Information	creatine kinase U-type, mitochondrial
UniProt Protein Name	Creatine kinase U-type, mitochondrial
UniProt Gene Name	Ckmt1
UniProt Synonym Gene Names	Mia-CK; U-MtCK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ckmt1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153321>