

Recombinant Mouse Ckmt1 Protein, MYC/DDK-tagged

Cat. No. Ckmt1-897M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse creatine kinase, mitochondrial 1, ubiquitous (Ckmt1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa.
Molecular Mass	47 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

GENE INFORMATION

Gene Name	Ckmt1 creatine kinase, mitochondrial 1, ubiquitous [Mus musculus (house mouse)]
Official Symbol	Ckmt1
Synonyms	Ckmt1; creatine kinase, mitochondrial 1, ubiquitous; Mt-CK; mi-CK; U-MtCK; mia-CK; ScCKmit; UbCKmit; creatine kinase U-type, mitochondrial; acidic-type mitochondrial creatine kinase; ubiquitous mitochondrial creatine kinase; EC 2.7.3.2
Gene ID	12716
mRNA Refseq	NM_009897
Protein Refseq	NP_034027
UniProt ID	P30275

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA