

Active Recombinant Rat Ckmt2 Protein, His-tagged

Cat. No. Ckmt2-1126R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat Ckmt2 (NP_001121124.1) (Asp40-Lys419) was expressed with a polyhistidine tag at the N-terminus.
Species	Rat
Source	E.coli
ProteinLength	40-419 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	Kinase activity untested
Molecular Mass	The recombinant rat Ckmt2 consists 398 amino acids and predicts a molecular mass of 45.6 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted 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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Ckmt2 creatine kinase, mitochondrial 2, sarcomeric [Rattus norvegicus]

Official Symbol Ckmt2

Synonyms CKMT2; creatine kinase, mitochondrial 2, sarcomeric;

Gene ID 117001

mRNA Refseq

Protein Refseq

MIM

UniProt ID

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