

Recombinant Rabbit CKM Protein, His-tagged

Cat. No. CKM-793R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit CKM Protein (Lys11-Leu367) with His tag was expressed in E. coli.
Species	Rabbit
Source	E.coli
ProteinLength	Lys11-Leu367
Description	Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate)
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.6 kDa; Accurate Molecular Mass: 42 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	CKM creatine kinase, muscle [<i>Oryctolagus cuniculus</i> (rabbit)]
Official Symbol	CKM
Synonyms	CKM; creatine kinase, muscle; creatine kinase M-type; M-CK; muscle creatine kinase; creatine kinase M chain;
Gene ID	100009056
mRNA Refseq	NM_001082239
Protein Refseq	NP_001075708
UniProt ID	P00563

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