

Recombinant Mouse Cdk1 protein, His-tagged

Cat. No. Cdk1-1932M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cdk1 aa. (Gly13~Met297 (Accession # P11440)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gly13~Met297
Form	Freeze-dried powder
Molecular Mass	33kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.7.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

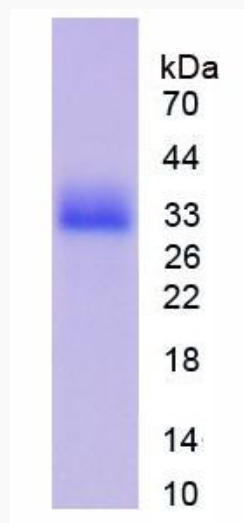
GENE INFORMATION

Gene Name	Cdk1 cyclin-dependent kinase 1 [Mus musculus (house mouse)]
Official Symbol	Cdk1
Synonyms	Mylk2; myosin light chain kinase 2; Klmc; Mlck; myosin light chain kinase 2, skeletal/cardiac muscle; MLCK2; myosin light chain kinase 2, skeletal muscle; myosin, light polypeptide kinase 2
Gene ID	12534
mRNA Refseq	NM_007659.3
Protein Refseq	NP_031685.2
UniProt ID	P11440

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SDS-PAGE

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