

Recombinant Rat Cdk2 protein, His-tagged

Cat. No. Cdk2-1937R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cdk2 aa. (Ser94~Leu212 (Accession # Q63699)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser94~Leu212
Form	Freeze-dried powder
Molecular Mass	15 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 7.2.
Applications	SDS-PAGE; WB; ELISA; IP.
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

 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

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.

Storage Buffer

Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Cdk2 cyclin dependent kinase 2 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Cdk2

Synonyms

MYO1C; myosin IC; NMI; MMlb; myr2; MMI-beta; unconventional myosin-Ic; myosin-I beta; myosin-Ic; nuclear myosin I

Gene ID

362817

mRNA Refseq

NM_199501.1

Protein Refseq

NP_955795.1

UniProt ID

Q63699

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