Recombinant Rat Cdk2 protein, His & GST-tagged

Cat. No. Cdk2-1938R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cdk2 aa. (Ser94~Leu212 (Accession # Q63699)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser94~Leu212
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.8.
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

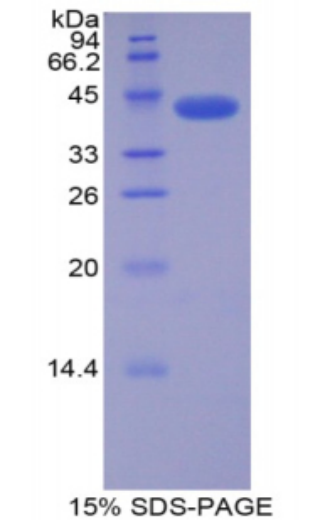
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
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 1C; Myr2; unconventional myosin-Ic; MMI-beta; MMIb; myosin I beta; myosin IC; myosin IC-like; myosin heavy chain myr 2; myosin-Ic; unconventional myosin Myr2 I heavy chain
Gene ID	362817
mRNA Refseq	NM_199501.1
Protein Refseq	NP_955795.1
UniProt ID	Q63699

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SDS-PAGE

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