Recombinant Mouse Cdk4 protein, His-tagged

Cat. No. Cdk4-5846M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cdk4 aa. (Tyr6~Leu295 (Accession # P30285)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Tyr6~Leu295
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.8kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP.
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°C 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.

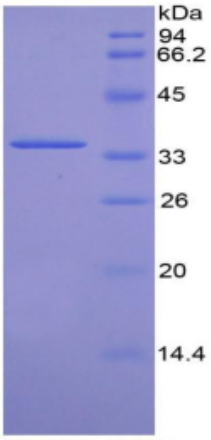
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Cdk4 cyclin-dependent kinase 4 [Mus musculus (house mouse)]
Official Symbol	Cdk4
Synonyms	Crk3; PSK-J3; cell division protein kinase 4; p34/cdk4; serine/threonine kinase; cyclin-dependent kinase 4
Gene ID	12567
mRNA Refseq	NM_009870.3
Protein Refseq	NP_034000.1
UniProt ID	P30285

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SDS-PAGE	 15% SDS-PAGE

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