

Recombinant Mouse Chek1 protein, His & T7-tagged

Cat. No. Chek1-1833M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Chek1 aa. (Cys194~Gly446 (Accession # O35280)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Cys194~Gly446
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-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.

Isoelectric Point 9.4

GENE INFORMATION

Gene Name [Chk1 checkpoint kinase 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Chk1](#)

Synonyms Chk1; checkpoint kinase 1; Chk1; rad27; C85740; serine/threonine-protein kinase Chk1; CHK1 checkpoint homolog; checkpoint kinase 1 homolog; rad27 homolog

Gene ID [12649](#)

mRNA Refseq [NM_007691.5](#)

Protein Refseq [NP_031717.2](#)

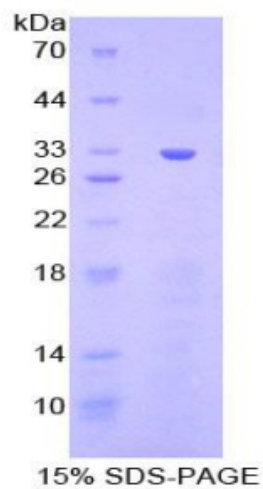
UniProt ID [O35280](#)

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SDS-PAGE



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