

Recombinant Mouse Chek1, His & GST tagged

Cat. No. Chek1-8670M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Chek1 (O35280-1) (Met1-Thr476), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
Species	Mouse
Source	Insect Cells
ProteinLength	Met1-Thr476
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse CHEK1/GST chimera consists of 713 amino acids and has a calculated molecular mass of 82.2 kDa. The recombinant protein migrates as an approximately 78 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Chek1 checkpoint kinase 1 \[Mus musculus \]](#)

Official Symbol [Chek1](#)

Synonyms CHEK1; checkpoint kinase 1; serine/threonine-protein kinase Chk1; rad27 homolog; checkpoint kinase-1; CHK1 checkpoint homolog; checkpoint kinase 1 homolog; Chk1; rad27; C85740;

Gene ID [12649](#)

mRNA Refseq [NM_007691](#)

Protein Refseq [NP_031717](#)

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