

Recombinant Mouse Chek2 protein(Met1-Leu546), His&GST-tagged

Cat. No. Chek2-5172M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CHEK2 (Q9Z265) (Mey 1-Leu 546) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Mouse
Source	Insect Cells
ProteinLength	1-546 a.a.
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0
Molecular Mass	The secreted recombinant mouse CHEK2/GST chimera consists of 783 amino acids and has a calculated molecular mass of 89 kDa. The recombinant protein migrates as an approximately 90 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the 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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Chk2 checkpoint kinase 2 [Mus musculus]
Official Symbol	Chk2
Synonyms	CHEK2; checkpoint kinase 2; serine/threonine-protein kinase Chk2; Cds1 homolog; Rad53 homolog; protein kinase Chk2; CHK2 checkpoint homolog; CHK2; Cds1; Rad53; HUCDS1;
Gene ID	50883
mRNA Refseq	NM_016681
Protein Refseq	NP_057890

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