

Recombinant Mouse Chek2 Protein, His/GST-tagged, Alexa Fluor 488 conjugated

Cat. No. Chek2-5172MAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant Mouse Chek2 (Q9Z265) (Mey 1-Leu 546), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
Species	Mouse
Source	Insect Cells
ProteinLength	783
Form	Lyophilized
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/ µg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.0
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	Chek2 checkpoint kinase 2 [Mus musculus]
Official Symbol	Chek2
Gene ID	50883
mRNA Refseq	NM_016681
Protein Refseq	NP_057890

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