Recombinant Mouse Chek1 Protein, His/GST-tagged, Alexa Fluor 647 conjugated

Cat. No. Chek1-8670MAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated 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	713
Form	Lyophilized
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/ μg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 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 a 0.2 μm filtered solution of 20 mM Tris, 500 mM NaCl, pH 8.5, 3mM DTT, 10% gly
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 647

GENE INFORMATION

Gene Name	Chek1 checkpoint kinase 1 [Mus musculus]
Official Symbol	Chek1
Gene ID	12649
mRNA Refseq	NM_007691
Protein Refseq	NP_031717

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