

Recombinant Human CHEK1 protein, Flag-tagged, Biotinylated

Cat. No. CHEK1-39H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHK1 [1-476(end) amino acids of accession number NP_001265.1] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	1-476 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	58 kDa
Purity	>95% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CHEK1 checkpoint kinase 1 [Homo sapiens]
Official Symbol	CHEK1

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Synonyms	CHEK1; checkpoint kinase 1; CHK1; Chk1-S; checkpoint kinase-1
Gene ID	1111
mRNA Refseq	NM_001114121
Protein Refseq	NP_001107593
MIM	603078
UniProt ID	O14757
Chromosome Location	11q24.2
Pathway	Activation of ATR in response to replication stress, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle Checkpoints, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem; Chk1/Chk2(Cds1) mediated inactivation of Cyclin B:Cdk1 complex, organism-specific biosystem;
Function	ATP binding; histone kinase activity (H3-T11 specific); nucleotide binding; protein binding; protein serine/threonine kinase activity;

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