

Recombinant Human CHK2 (N-GST tag)

Cat No:HR2R1272

For research use only

Overview

Quantity	10 ?g
Gene Symbol	CHK2
Gene ID	N/A
Accession	NM_007194
Alternative Name	RP11-436C9.1, CDS1, CHEK2, HuCds1, LFS2, PP1425, RAD53
Species	Human
Source	Insect cells
Description	CHK2 is rapidly phosphorylated and activated in response to replication blocks and DNA damage; the response to DNA damage occurs in an ataxia telangiectasia mutated (ATM)-dependent manner. Expression of wild-type Chk2 leads to increased p53 stabilization after DNA damage, whereas expression of a dominant-negative Chk2 mutant abrogated both phosphorylation of p53 on Ser-20 and p53 stabilization.
Functions	The specific activity of CHK2 was determined to be 808 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	88
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.