Recombinant Human CHK1 (N-His tag)

Cat No:HR2R1271

For research use only

Overview

Quantity	10 ?g
Gene Symbol	CHK1
Gene ID	N/A
Accession	NM_001274
Alternative Name	CHEK1
Species	Human
Source	Insect cells
Description	CHK1 is a 56 kDa serine/threonine protein kinase that was originally identified in fission yeast to play a role in activation of the DNA damage checkpoint in the G2 phase of the cell cycle . CHK1 appears to function downstream of several of the known fission yeast checkpoint gene products, including that encoded by rad3+, a gene with sequence similarity to the ATM gene mutated in patients with ataxia telangiectasia .
Functions	The specific activity of CHK1 was determined to be 144 nmol /min/mg as per activity assay protoco
Formulation	50mM NaPhosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.2mM DTT, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	59
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.