

Recombinant Human TLK2 (N-GST tag)

Cat No:HR2R2011

For research use only

Overview

Quantity	10 ?g
Gene Symbol	TLK2
Gene ID	N/A
Accession	NM_006852
Alternative Name	MGC44450; PKU-ALPHA
Species	Human
Source	Insect cells
Description	TLK2 or Tousled-like kinase 2, is a nuclear serine/threonine kinases that is thought to be involved in the regulation of chromatin assembly . In addition, TLK2 is also involved in other cellular processes such as intracellular signaling cascade, protein amino acid phosphorylation, cell cycle, chromatin modification and in response to DNA damage stimulus. TLK2 displays maximal activity during S phase of the cell cycle where it appears to be regulated by cell-cycle-dependent phosphorylation. Inhibition of DNA replication causes a rapid loss of TLK2 activity, indicating that TLK2 function is tightly linked to ongoing DNA replication.
Functions	The specific activity of TLK2 was determined to be 79 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	67
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.