

Recombinant Human PLK3 (N-GST tag)

Cat No:HR2R1893

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PLK3
Gene ID	N/A
Accession	NM_004073
Alternative Name	CNK, FNK, PRK
Species	Human
Source	Insect cells
Description	PLK3 or Polo-like kinase 3 is a cytokine-inducible kinase that is a member of the Polo family of serine/threonine protein kinases. PLK3 contains both a catalytic domain and a putative regulatory domain and plays an important role in the regulation of cell cycle progression and tumorigenesis . PLK3 is closely associated with centrosomes in several human cell lines and its localization is dependent on the integrity of microtubules. Hence, PLK3 is also involved in regulating microtubule dynamics and centrosomal function .
Functions	The specific activity of PLK3 was determined to be 2.2 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	60
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.