

Active Recombinant Human PLK3 protein, GST-tagged

Cat. No. PLK3-1069 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLK3 (57-340) fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	57-340
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Bio-activity	2.2nmol/min/mg
Molecular Mass	~60 kDa
Purity	>75 %
Applications	Kinase Assay, Western Blot
Stability	1 yr at -70 centigrade from date of shipment
Storage	Store product at -70 centigrade. 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.

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Concentration	0.1 ug/ul
Shipping	Product shipped on dry ice
GENE INFORMATION	
Gene Name	PLK3 polo-like kinase 3 [Homo sapiens]
Official Symbol	PLK3
Synonyms	PLK3; polo-like kinase 3; CNK, cytokine inducible kinase , polo like kinase 3 (Drosophila); serine/threonine-protein kinase PLK3; FNK; PRK; PLK-3; FGF-inducible kinase; cytokine-inducible kinase; proliferation-related kinase; cytokine-inducible serine/threonine-protein kinase; CNK;
Gene ID	1263
mRNA Refseq	NM_004073
Protein Refseq	NP_004064
MIM	602913
UniProt ID	Q9H4B4
Chromosome Location	1p34.1
Pathway	Direct p53 effectors, organism-specific biosystem; PLK3 signaling events, organism-specific biosystem; Polo-like kinase signaling events in the cell cycle, organism-specific biosystem; Tuberculosis, organism-specific biosystem; Tuberculosis,

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conserved biosystem;

Function

ATP binding; nucleotide binding; p53 binding; protein binding; protein serine/threonine kinase activity; protein serine/threonine kinase activity;

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