

# Recombinant Human PLK1 protein, Flag-tagged, Biotinylated

Cat. No. PLK1-73H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human PLK1 [1-603(end) amino acids of accession number NP_005021.2] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-603 a.a.
<b>Form</b>	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
<b>Molecular Mass</b>	72 kDa
<b>Purity</b>	>85% as determined by SDS-PAGE and CBB staining
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	PLK1 polo-like kinase 1 [ Homo sapiens ]
<b>Official Symbol</b>	PLK1

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<b>Synonyms</b>	PLK1; polo-like kinase 1; PLK-1; polo like kinase; PLK; STPK13;
<b>Gene ID</b>	<a href="#">5347</a>
<b>mRNA Refseq</b>	<a href="#">NM_005030</a>
<b>Protein Refseq</b>	<a href="#">NP_005021</a>
<b>MIM</b>	<a href="#">602098</a>
<b>UniProt ID</b>	<a href="#">P53350</a>
<b>Chromosome Location</b>	16p
<b>Pathway</b>	APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1, organism-specific biosystem; Activation of APC/C and APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, organism-specific biosystem;
<b>Function</b>	ATP binding; anaphase-promoting complex binding; microtubule binding; nucleotide binding; protein binding; protein kinase activity; protein kinase binding; protein serine/threonine kinase activity; protein serine/threonine kinase activity; protein serine/threonine kinase activity;

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