Recombinant Human PLK1 protein, Flag-tagged, Biotinylated

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Insect Cells
ProteinLength	1-603 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	72 kDa
Purity	>85% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	PLK1 polo-like kinase 1 [Homo sapiens]
Official Symbol	PLK1

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	PLK1; polo-like kinase 1; PLK-1; polo like kinase; PLK; STPK13;
Gene ID	5347
mRNA Refseq	NM_005030
Protein Refseq	NP_005021
MIM	602098
UniProt ID	P53350
Chromosome Location	16p
Pathway	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;
Function	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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