

Recombinant Human PLK1 protein, His-tagged

Cat. No. PLK1-3863H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLK1 protein(415-603 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	415-603 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	VDYSDKYGLGYQLCDNSVGVLFNDSTRLLLYNDGDSLQYIERDGTESYLTVSSHPNS LMKKITLLKYFRNYMSEHLLKAGANITPREGDELARLPYLRTWFRTRSAILHLSNGSV QINFFQDHTKLILCPLMAAVTYIDEKRDFRTYRLSLLEEYGCCKELASRLRYARTMVD KLLSSRSASNRLKAS
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 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

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

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

Official Symbol PLK1

Synonyms PLK1; polo-like kinase 1; PLK, polo like kinase (Drosophila); serine/threonine-protein kinase PLK1; PLK-1; polo like kinase; polo (Drosophila)-like kinase; serine/threonine-protein kinase 13; cell cycle regulated protein kinase; PLK; STPK13;

Gene ID 5347

mRNA Refseq NM_005030

Protein Refseq NP_005021

MIM 602098

UniProt ID P53350

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