# Active Recombinant Full Length Human PLK1 Protein, DDK-tagged, Biotinylated

**Cat. No.** PLK1-5411HF **Lot. No.** (See product label)

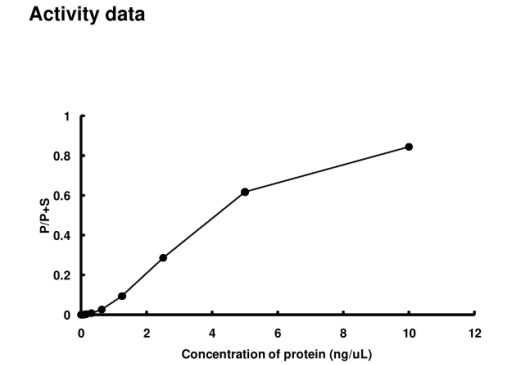
## SPECIFICATION

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| **Product Overview** | Full-length human PLK1 [1-603(end) amino acids of accession number NP_005021.2] was expressed as N-terminal DYKDDDDK tagged, biotinylated protein (72 kDa) using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose. |
| **Species** | Human |
| **Source** | Sf21 Cells |
| **ProteinLength** | 1-603(end) |
| **Form** | 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5 |
| **Bio-activity** | The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000. |
| **Purity** | 89% |
| **Applications** | SDS-PAGE |
| **Storage** | Store at -80C. Avoid repeating freeze-thaws. |

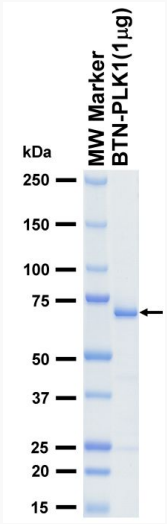
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| **Conjugation** | Biotin |

## GENE INFORMATION

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|---|---|
| **Gene Name** | polo-like kinase 1 |
| **Official Symbol** | PLK1 |
| **Synonyms** | PLK1;PLK;STPK13 |
| **Protein Refseq** | NP_005021.2 |
| **UniProt ID** | P53350 |
| **Activity data** | <br>The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000. |

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| **SDS-PAGE** | <br>The purity was assessed by SDS-PAGE/CBB staining. |

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