

Recombinant Human PLK4 (G95L) Protein, GST-tagged

Cat. No. PLK4-01H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant human PLK4 (G95L) (1-836) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. |
| Species | Human |
| Source | Insect Cells |
| ProteinLength | 1-836 a.a. |
| Description | This gene encodes a member of the polo family of serine/threonine protein kinases. The protein localizes to centrioles, complex microtubule-based structures found in centrosomes, and regulates centriole duplication during the cell cycle. Three alternatively spliced transcript variants that encode different protein isoforms have been found for this gene. |
| Molecular Mass | 120 kDa |
| Purity | > 90% |
| Applications | Kinase Assay |
| Stability | One year 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 |

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favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Concentration 0.05 µg/µL

Storage Buffer Recombinant protein stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT and 25% glycerol.

GENE INFORMATION

Gene Name PLK4 polo like kinase 4 [Homo sapiens (human)]

Official Symbol PLK4

Synonyms PLK4; polo like kinase 4; SAK; STK18; MCCRP2; serine/threonine-protein kinase PLK4; serine/threonine-protein kinase 18; serine/threonine-protein kinase Sak; EC 2.7.11.21

Gene ID 10733

mRNA Refseq NM_014264

Protein Refseq NP_055079

MIM 605031

UniProt ID O00444

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