

PLK4

Recombinant Human Polo-Like Kinase 4 GST-His Tagged Active

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|---------------------------------|---|------------------|-------|
| Catalog No. | CRS014 | Quantity: | 50 µg |
| Alternate Names: | SAK, STK18 | | |
| Description: | <p>Polo-Like Kinase 4 (PLK4), also a member of the polo family of serine/threonine protein kinases. PLK4 localizes to centrioles, complex microtubule-based structures found in centrosomes, and regulates centriole duplication during the cell cycle. Unlike other Polo-Like Kinases, PLK4 contains a single polo box. Its expression increases gradually in S through M phase. Evidence suggests that PLK4 may monitor centrosome duplication and provide feedback to cell cycle regulators.</p> <p>Recombinant Human PLK4 is full-length with N-terminal GST and His Tags, comprising amino acids M1-H970, and is catalytically active.</p> | | |
| Gene ID: | 10733 | | |
| Source: | Sf9 insect cells | | |
| Molecular Weight: | 138.6 kDa | | |
| Formulation: | Frozen Liquid in 50 mM HEPES, pH 7.5 + 100 mM NaCl + 5 mM DTT + 4 mM reduced Glutathione + 20% Glycerol | | |
| Purification: | Affinity purification using GSH-agarose | | |
| Specific Activity: | 6 pmol/µgxmin | | |
| Storage & Stability: | Store at -70°C. Avoid repeated freeze-thaw cycles. | | |

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