

Bioactive

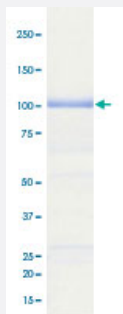
Full-Length

PLK2 (Human) Recombinant Protein

Catalog # P5797

Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

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Specification

Product Description	Human PLK2 (Q9NYY3, 1 a.a. - 685 a.a.) full-length recombinant protein with GST tag expressed in Baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	105
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography
Purity	81 % by SDS-PAGE/CBB staining

Activity	The activity was determined by IMAP™ assay. The enzyme was incubated with fluorescein labeled peptide and phosphorylation was detected by IMAP™ technology (fluorescence polarization).Substrate : CHK2 peptide. ATP: 100 µM.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — PLK2

Entrez GeneID	10769
Protein Accession#	Q9NYY3
Gene Name	PLK2
Gene Alias	SNK
Gene Description	polo-like kinase 2 (Drosophila)
Omim ID	607023
Gene Ontology	Hyperlink
Gene Summary	Serum-inducible kinase is a member of the 'polo' family of serine/threonine protein kinases that have a role in normal cell division.[supplied by OMIM]
Other Designations	polo-like kinase 2 serum-inducible kinase

Disease

- [Adenocarcinoma](#)

- [Genetic Predisposition to Disease](#)
- [Pancreatic Neoplasms](#)