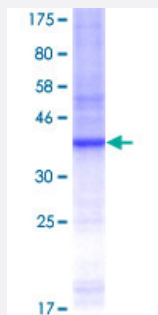


PLK2 (Human) Recombinant Protein (Q01)

Catalog # H00010769-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PLK2 partial ORF (AAH13879, 585 a.a. - 685 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DGGDLPSVTDIRRPRLYLLQWLKSDKALMMLFNDGTFQVNFYHDHTKIIICSQNEEYLLTYINEDRISTTFRLLTLLMSGCSSELKNRMEYALNMLLQRCN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (96); Rat (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PLK2

Entrez GeneID	10769
GeneBank Accession#	BC013879
Protein Accession#	AAH13879
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

Publication Reference

- [Design, Synthesis, and Evaluation of Non-ATP-Competitive Small-Molecule Polo-Like Kinase 1 \(Plk1\) Inhibitors.](#)

Chen DX, Huang J, Liu M, Xu YG, Jiang C.

Archiv der Pharmazie 2015 Jan; 348(1):2.

Application: Proliferation Inhibition Assay, Human, HeLa cells

Disease

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