

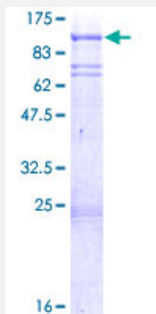
Full-Length

PLK2 (Human) Recombinant Protein (P02)

Catalog # H00010769-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PLK2 full-length ORF (NP_006613.2, 1 a.a. - 685 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MELLRTITYQPAASTKMCEQALGKGCADSKKKRPPQPPEESQPPQSQAQVPPAAPHHHHHHS
HSGPEISRIVDPTTGKRYCRGKVLGKGGFAKCYEMTDLTNNKVYAAKIIPHSRVAKPHQREKIDKEI
ELHRILHHKHVVQFYHYFEDKENIYLLEYCSRRSMAHILKARKVLTEPEVRYLRQIVSGLKYLHEQE
ILHRDLKLGNNFFINEAMELKVGDFGLAARLEPLEHRRRTICGTPNYLSPEVLNKQGHGCESDWAL
GCVMYTMLLGRPPFETTNLKETRYCIREARYTMPSSLLAPAKHLIASMLSKNPEDRPSLDDIIRHDF
FLQGFTPDLRSSSCCHTVPDFHLSSPAKNFFKAAAALFGGKKDKARYIDTHNRVSKEDEDIYKL
RHDLLKTSITQQPSKHRTDEELQPPTTTVARSGTPAVENKQQIGDAIRMVVRGTLGSCSSSECLE
DSTMGSVADTVARVLRGCLNMPEADCIPKEQLSTSFQWVTKWVDYSNKYGFYQLSDHTVGV
LFNNGAHMSLLPDKKTVHYAELGQCSVFPATDAPEQFISQVTVLKYFSHYMEENLMDGGDLPS
VDIRRPRLYLLQWLKSDKALMMLFNDGTFQVNFYHDHTKIIICSQNEEYLLTYINEDRISTTFRLTLL
MSGCSSELKNRMEYALNMLLQRCN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

104.6

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#	NM_006622.2
Protein Accession#	NP_006613.2
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](#)