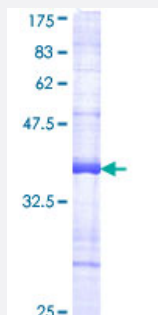


PLK4 (Human) Recombinant Protein (Q01)

Catalog # H00010733-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PLK4 partial ORF (AAH36023, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MATCIGEKIEDFKVGNLLGKGSFAGVYRAESIHTGLEVAIKMIDKKAMYKAGMVQRVQNEVKIHCQ LKHP SILELYNYFEDSNYVYLVLEMCHNGEMNRYLKNRVKPFSE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (78); Rat (73)
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 — PLK4

Entrez GeneID [10733](#)

GeneBank Accession# [BC036023](#)

Protein Accession# [AAH36023](#)

Gene Name PLK4

Gene Alias SAK, STK18

Gene Description polo-like kinase 4 (Drosophila)

Omim ID [605031](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations Snk akin kinase|polo-like kinase 4|serine/threonine kinase 18|serine/threonine protein kinase SAK

Disease

- [Kidney Failure](#)