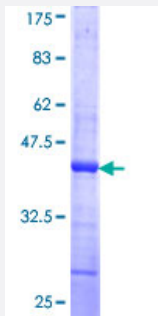


CHEK1 (Human) Recombinant Protein (Q01)

Catalog # H00001111-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CHEK1 partial ORF (AAH04202, 361 a.a. - 476 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GTPGSSQNPWQRLVKRMTRFFTKLDADKSYQCLKETCEKLG YQWKSCMNQVTISTTDRRNKL IFKVN LLEMDDKILVDFRLSKGDGLEFKRHFLKIKGLIDIVSSQKVWLPAT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.5
Interspecies Antigen Sequence	Mouse (92); Rat (92)
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 — CHEK1

Entrez GeneID	1111
GeneBank Accession#	BC004202
Protein Accession#	AAH04202
Gene Name	CHEK1
Gene Alias	CHK1
Gene Description	CHK1 checkpoint homolog (S. pombe)
Omim ID	603078
Gene Ontology	Hyperlink
Gene Summary	S. pombe
Other Designations	CHK1 checkpoint homolog Checkpoint, S. pombe, homolog of, 1

Pathway

- [Cell cycle](#)
- [p53 signaling pathway](#)

Disease

- [Adenocarcinoma](#)

- [Adenofibroma](#)
- [Ataxia telangiectasia](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [DNA Damage](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Microsatellite Instability](#)
- [Neoplasms](#)
- [Neuroma](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)

- [Werner syndrome](#)