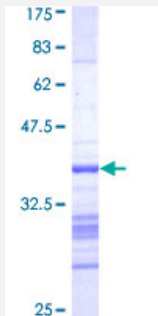


AURKB (Human) Recombinant Protein (Q01)

Catalog # H00009212-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human AURKB partial ORF (AAH09751, 1 a.a. - 90 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAQKENSYPWPYGRQTAPSGSLSTLPQQRVLRKEPVTSPALVLMRSRNVQPTAAPGQKVMENSSG TPDILTRHFTIDDFEIGRPLGKGKFGN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.53
Interspecies Antigen Sequence	Mouse (83); Rat (84)
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 — AURKB

Entrez GeneID [9212](#)

GeneBank Accession# [BC009751](#)

Protein Accession# [AAH09751](#)

Gene Name AURKB

Gene Alias AIK2, AIM-1, AIM1, ARK2, AurB, IPL1, STK12, STK5

Gene Description aurora kinase B

Omim ID [604970](#)

Gene Ontology [Hyperlink](#)

Gene Summary Chromosomal segregation during mitosis as well as meiosis is regulated by kinases and phosphatases. The Aurora kinases associate with microtubules during chromosome movement and segregation. Aurora kinase B localizes to microtubules near kinetochores, specifically to the specialized microtubules called K-fibers, and Aurora kinase A (MIM 603072) localizes to centrosomes (Lampson et al., 2004 [PubMed 14767480]).[supplied by OMIM]

Other Designations aurora-1|aurora-B|serine/threonine kinase 12

Disease

- [Brain Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)