

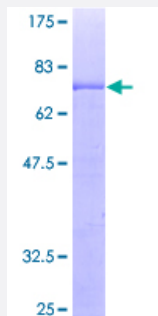
Full-Length

GKAP1 (Human) Recombinant Protein (P01)

Catalog # H00080318-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GKAP1 full-length ORF (AAH14476, 1 a.a. - 366 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASAVLSSVPTTASRFALLQVDSGSGSDSEPGKGKGRNTGKSQTLGSKSTTNEKKREKRRKKK
EQQQSEANELRNLAFFKIPQKSSHAVCNAQHDLPLSNPVQKDSREENWQEWQRDEQLTSEM
FEADLEKALLLSKLEYEEHKKEYEDAENTSTQSKVMNKKDKRKNHQGKDRPLTVSLKDFHSEDHI
SKKTEELSSSQTLSDGGFFNRLEDDVHKILIREKRREQLTEYNGTDNCTAHEHNQEVVLKDGRIE
RLKLELERKDAEIQKLKNVITQWEAKYKEVKARNAQLLKMLQEGEMKDKAEILLQVDESQSIKNEL
TIQVTSLHAALEQERSKVVLQAELAKYQGGRKGKRNSESDQCR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

66

Interspecies Antigen Sequence

Mouse (87); Rat (90)

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 — GKAP1

Entrez GeneID[80318](#)**GeneBank Accession#**[BC014476](#)**Protein Accession#**[AAH14476](#)**Gene Name**

GKAP1

Gene Alias

FKSG21, FLJ25469, GKAP42

Gene Description

G kinase anchoring protein 1

Omim ID[611356](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a protein that is highly similar to the mouse cGMP-dependent protein kinase anchoring protein 42kDa. The mouse protein has been found to localize with the Golgi and recruit cGMP-dependent protein kinase I alpha to the Golgi in mouse testes. It is thought to play a role in germ cell development. Transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

cGMP-dependent protein kinase anchoring protein 42kDa|protein kinase anchoring protein GKAP42