

## Recombinant Human GKAP1 Protein, GST-tagged

Cat. No. GKAP1-4939H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human GKAP1 full-length ORF ( AAH14476, 1 a.a. - 366 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Molecular Mass</b>	66 kDa
<b>AA Sequence</b>	MASAVLSSVPTTASRFALLQVDSGSGSDSEPGKKGKGRNTGKSQTLGSKSTTNEKK REKRRKKKEQQQSEANELRNLAFFKIPQKSSHAVCNAQHDLPLSNPVQKDSREEN WQEWQRDEQLTSEMFEADLEKALLSKLEYEEHKKEYEDAENTSTQSKVMNKKD KRKNHQGKDRPLTVSLKDFHSEDHISKKTEELSSSQTLSDGGFFNRLEDDVHKILIR EKRREQLTEYNGTDNCTAHEHNQEVVLKDGRIERLKLLELRKDAEIQKLNKVNITQWE AKYKEVKARNAQLLKMLQEGEMKDKAEILLQVDESQSIKNELTIQVTSLHAALEQERS KVKVLQAEALAKYQGGRKGRNSESDQCR
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GKAP1 G kinase anchoring protein 1 [ Homo sapiens ]
<b>Official Symbol</b>	GKAP1
<b>Synonyms</b>	GKAP1; G kinase anchoring protein 1; G kinase-anchoring protein 1; cGMP dependent protein kinase anchoring protein 42kDa; FKSG21; GKAP42; protein kinase anchoring protein GKAP42; cGMP-dependent protein kinase anchoring protein 42kDa; cGMP-dependent protein kinase-anchoring protein of 42 kDa; FLJ25469;
<b>Gene ID</b>	80318
<b>mRNA Refseq</b>	NM_001135953
<b>Protein Refseq</b>	NP_001129425
<b>MIM</b>	611356
<b>UniProt ID</b>	Q5VSY0

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA