

Recombinant Human GKAP1 Protein, GST-tagged

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

SPECIFICATION

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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

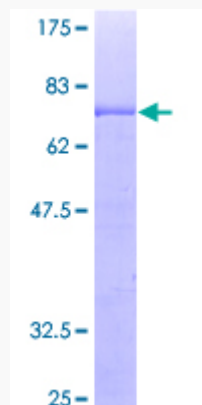
	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GKAP1 G kinase anchoring protein 1 [Homo sapiens]
Official Symbol	GKAP1
Synonyms	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;
Gene ID	80318
mRNA Refseq	NM_001135953
Protein Refseq	NP_001129425
MIM	611356
UniProt ID	Q5VSY0

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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