

Recombinant Full Length Human GKAP1 Protein, GST-tagged

Cat. No. GKAP1-5302HF **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	In Vitro Cell Free System
ProteinLength	366 amino acids
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 WQEWQRQDEQLTSEMFEADLEKALLLSKLEYEEHKKEYEDAENTSTQSKVMNKKD KRKNHQGKDRPLTVSLKDFHSEDHISKKTEELSSSQTLSHDGGFFNRLEDDVHKILIR EKRREQLTEYNGTDNCTAHEHNQEVVLKDGRIERLKLLELERKDAEIQKLKNVITQWE AKYKEVKARNAQLLKMLQEGEMKDKAEILLQVDESQSIKNELTIQVTSLHAALEQERS KVKVLQAELAKYQGGRKGKRNSQCR

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Applications	Enzyme-linked Immunoabsorbent Assay 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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