Recombinant Human GKAP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GKAP1-3180H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GKAP1 MS Standard C13 and N15-labeled recombinant protein (NP_079487) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	42.1 kDa
AA Sequence	MASAVLSSVPTTASRFALLQVDSGSGSDSEPGKGKGRNTGKSQTLGSKSTTNEKK REKRRKKKEQQQSEANELRNLAFKKIPQKSSHAVCNAQHDLPLSNPVQKDSREEN WQEWRQRDEQLTSEMFEADLEKALLLSKLEYEEHKKEYEDAENTSTQSKVMNKKD KRKNHQGKDRPLTVSLKDFHSEDHISKKTEELSSSQTLSHDGGFFNRLEDDVHKILIR EKRREQLTEYNGTDNCTAHEHNQEVVLKDGRIERLKLELERKDAEIQKLKNVITQWE AKYKEVKARNAQLLKMLQEGEMKDKAEILLQVDESQSIKNELTIQVTSLHAALEQERS KVKVLQAELAKYQGGRKGKRNSESDQCRTRTRPLEQKLISEEDLAANDILDYKDDD DKV

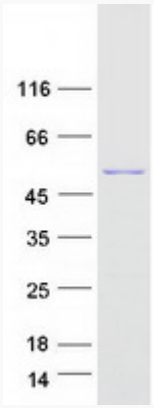
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	GKAP1 G kinase anchoring protein 1 [Homo sapiens (human)]
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_025211
Protein Refseq	NP_079487
MIM	611356
UniProt ID	Q5VSY0

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SDS-PAGE	

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