

Recombinant Human GKAP1 Protein, His-tagged

Cat. No. GKAP1-431H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GKAP1, transcript variant 1, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	41.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name [GKAP1 G kinase anchoring protein 1 \[Homo sapiens \]](#)

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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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