

Recombinant Human GKAP1 293 Cell Lysate

Cat. No. GKAP1-5912HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for G kinase anchoring protein 1 (GKAP1), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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

**Chromosome
Location**

9q22.1

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