

Recombinant Human KCNIP4 293 Cell Lysate

Cat. No. KCNIP4-5052HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for Kv channel interacting protein 4 (KCNIP4), transcript variant 4 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	KCNIP4 Kv channel interacting protein 4 [Homo sapiens]
Official Symbol	KCNIP4
Synonyms	KCNIP4; Kv channel interacting protein 4; Kv channel-interacting protein 4; CALP; KCHIP4; MGC44947; calsenilin-like protein; potassium channel interacting protein 4; potassium channel-interacting protein 4; a-type potassium channel modulatory protein 4;
Gene ID	80333
mRNA Refseq	NM_147183
Protein Refseq	NP_671712
MIM	608182
UniProt ID	Q6PIL6
Chromosome Location	4p15.32
Pathway	Regulation of Wnt-mediated beta catenin signaling and target gene transcription, organism-specific biosystem;

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Function

calcium ion binding; ion channel activity; potassium channel activity; voltage-gated ion channel activity;

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