

Recombinant Human KCNIP1 293 Cell Lysate

Cat. No. KCNIP1-5056HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for Kv channel interacting protein 1 (KCNIP1), transcript variant 2 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

KCNIP1 Kv channel interacting protein 1 [Homo sapiens]

Official Symbol

KCNIP1

Synonyms

KCNIP1; Kv channel interacting protein 1; Kv channel-interacting protein 1; KCHIP1; vesicle APC-binding protein; potassium channel interacting protein 1; potassium channel-interacting protein 1; A-type potassium channel modulatory protein 1; VABP; MGC95;

Gene ID

30820

mRNA Refseq

NM_001034837

Protein Refseq

NP_001030009

MIM

604660

UniProt ID

Q9NZI2

Chromosome Location

5q35

Function

calcium ion binding; ion channel activity; potassium channel regulator activity; protein N-terminus binding; protein binding; protein heterodimerization activity; voltage-gated ion channel activity;

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