

Recombinant Human ZACN 293 Cell Lysate

Cat. No. ZACN-226HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for zinc activated ligand-gated ion channel (ZACN) 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 ZACN zinc activated ligand-gated ion channel [Homo sapiens]

Official Symbol ZACN

Synonyms ZACN; zinc activated ligand-gated ion channel; LGICZ1, ligand gated ion channel, zinc activated 1; zinc-activated ligand-gated ion channel; L2; LGICZ; ZAC; ZAC1; ligand-gated ion channel subunit; ligand-gated ion-channel receptor L2; ligand-gated ion channel zinc-activated 1; zinc activated ligand-gated ion channel 1; ligand-gated ion channel, zinc activated 1; LGICZ1; MGC129841;

Gene ID 353174

mRNA Refseq NM_180990

Protein Refseq NP_851321

MIM 610935

UniProt ID Q401N2

Chromosome Location 17q25.3

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