

Recombinant Human VDAC2 293 Cell Lysate

Cat. No. VDAC2-418HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for voltage-dependent anion channel 2 (VDAC2) 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

VDAC2 voltage-dependent anion channel 2 [Homo sapiens]

Official Symbol

VDAC2

Synonyms

VDAC2; voltage-dependent anion channel 2; voltage-dependent anion-selective channel protein 2; outer mitochondrial membrane protein porin 2; POR; FLJ23841;

Gene ID

7417

mRNA Refseq

NM_001184783

Protein Refseq

NP_001171712

MIM

193245

UniProt ID

P45880

**Chromosome
Location**

10q22

Pathway

Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem; Parkinsons disease, organism-specific biosystem;

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