Recombinant Human VDAC1 lysate, Flag-tagged

Cat. No. VDAC1-732HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Over-expression cells lysed in modified RIPA buffer.
Species	Human
Source	HEK293
Molecular Mass	30.6 kDa
Components	1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer1 vial of 100 µg empty vector transfected control cell lysate in RIPA buffer1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromphenol blue, 100mM DTT)
Preparation method	Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit. Cell lysates were aliquoted and stored at -20°C before shipping.
Recommended Usage	WB
Storage Instruction	Lysate samples are stable for 12 months from date of receipt when stored at -20°C. Avoid repeated freeze-thaw cycles.Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and

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	stored at -20°C for long term storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

GENE INFORMATION

Gene Name	VDAC1 voltage-dependent anion channel 1 [Homo sapiens]
Official Symbol	VDAC1
Synonyms	VDAC1; voltage-dependent anion channel 1; voltage-dependent anion-selective channel protein 1; MGC111064; PORIN; porin 31HL; porin 31HM; plasmalemmal porin; outer mitochondrial membrane protein porin 1; VDAC-1;
Gene ID	7416
mRNA Refseq	NM_003374
Protein Refseq	NP_003365
MIM	604492
UniProt ID	P21796
Chromosome Location	5q31
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; Influenza A, organism-specific biosystem;

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Function	porin activity; protein binding; voltage-gated anion channel activity; voltage-gated anion channel activity;

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