Recombinant Human Voltage-Dependent Anion Channel-1

Cat. No. VDAC1-16H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Voltage Dependent Anion Channel-1 produced in*E. coli*has a molecular mass of approximately 32 KDa.
Species	Human
Source	E.coli
Description	VDAC forms a channel through the mitochondrial outer membrane and also the plasma membrane. The channel allows diffusion of small hydrophilic molecules; it adopts an open conformation at low or zero membrane potential and a closed conformation at potentials above 30-40 mV. The open state has weak anion selectivity whereas the closed state is cation-selective. rh-VDAC is expressed in*E. coli.*
Purity	≥ 95% by SDS-PAGE.
Storage Buffer	Liquid. In 1% Acetic Acid.
Process	anion transport. apoptotic program. interspecies interaction between organisms

GENE INFORMATION

Gene Name	VDAC1
Synonyms	MGC111064; PORIN; PORIN-31-HL; VDAC; VDAC-1; hVDAC1; Outer mitochondrial

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	membrane protein porin 1; Plasmalemmal porin; Porin 31HL; Porin 31HM; Voltage-dependent anion-selective channel protein 1; voltage-dependent anion channel 1
Gene ID	7416
mRNA Refseq	NM_003374.1
Protein Refseq	NP_003365.1
MIM	604492
UniProt ID	P21796
Chromosome Location	5q31
Pathway	Calcium signaling pathway
Function	protein binding.voltage-gated anion channel activity

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