

Product Information

MemDX™ Membrane Protein Human VDAC2 (Voltage dependent anion channel 2) Full

Length

Cat. No.: **MPC1668K**

This product is for research use only and is not intended for diagnostic use.

This product is a 31.5 kDa Human VDAC2 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

VDAC2

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

31.5 kDa

TMD

19

Sequence

MATHGQTCARPMCIPPSYADLGKAARDIFNKGFGFGLVKLDVKTKSCSGV
EFSTSGSSNTDTGKVTGTLETKYKWCEYGLTFTEKWNTDNTLGTEIAIED
QICQGLKLTFTDFTFSPNTGKKSGKIKSSYKRECINLGCDVDFDFAGPAIH
GSAVFGYEGWLAGYQMTFDSAQSKLTRNNFAVGYRTGDFQLHTNVNDGTE
FGGSIYQKVCEDLDTSVNLAWTSGTNCTRFGIAAKYQLDPTASISAKVNN
SSLIGVGYTQTLRPGVKLTLSALVDGKSINAGGHKVGLALELEA

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

VDAC2

Full Name

Voltage dependent anion channel 2

Introduction

This gene encodes a member of the voltage-dependent anion channel pore-forming family of proteins that are considered the main pathway for metabolite diffusion across the mitochondrial outer membrane. The encoded protein is also thought to be involved in the mitochondrial apoptotic pathway via regulation of BCL2-antagonist/killer 1 protein activity. Pseudogenes have been identified on chromosomes 1, 2, 12 and 21, and alternative splicing results in multiple transcript variants.

Alternative Names

VDAC2; POR; voltage-dependent anion-selective channel protein 2; epididymis secretory sperm binding protein; outer mitochondrial membrane protein porin 2; Voltage dependent anion channel 2

Gene ID

[7417](#)

UniProt ID

[P45880](#)