

Product Information

MemDX™ Membrane Protein Human VDAC2 (Voltage dependent anion channel 2, 1-283 aa) for Antibody Discovery

Cat. No.: **MP1480X**

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

This product is a 56.65 kDa Human VDAC2 membrane protein expressed in *In vitro* wheat germ expression system. 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

Molecular Weight

56.65 kDa

Sequence

MCIPPSYADLGKAARDIFNKGFGFGLVKLDVKTSCSGVEFSTSGSSNTDTGKVTGTLETQYKWCEYGLTFTEKWNTDNTLGTEIAI

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Protein Format

Liposome

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

Storage

Store at +4°C for up to one week or several months at -80°C

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

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

Gene ID

[7417](#)

UniProt ID

[P45880](#)