

# Product Information

## MemDX™ Membrane Protein Human ODF4 (Outer dense fiber of sperm tails 4) Full Length

Cat. No.: **MPC4838K**

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

This product is a made-to-order Human ODF4 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

ODF4

#### Protein Length

Full length

#### Protein Class

Receptor

#### TMD

3

#### Sequence

MDAEYSGNEFPRSEGERDQHQRPGKERKSGEAGWGTGELGQDGRLLSSTL  
SLSSNRSLGQRQNSPLPFQWRITHSFRWMAQVLASELSLVAFILLVAF  
SKKWLDLSRSLFYQRWPDVSNRIHTSAHVMSMGLLHFYKSRSCSDLENG  
KVTFIFSTLMLFPINIWIFELERNVSIPIGWSYFIGWLVLILYFTCAILC  
YFNHKSFWSLILSHPSGAVSCSSSFGSVEESPRAQTITDTPITQEGVLDLP  
EQKDTHV

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

#### Form

Liquid

## Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

## Target

### Target Protein

ODF4

### Full Name

Outer dense fiber of sperm tails 4

### Introduction

This gene encodes a protein that is localized in the outer dense fibers of the tails of mature sperm. This protein is thought to have some important role in the sperm tail. Alternative splicing results in multiple transcript variants.

### Alternative Names

ODF4; CT134; CT136; OPPO1; cancer/testis antigen 134; cancer/testis antigen 136; hOPPO1; outer dense fiber 4; outer dense fiber of sperm tails protein 4; testis-specific protein oppo 1; Outer dense fiber of sperm tails 4

### Gene ID

[146852](#)

### UniProt ID

[Q2M2E3](#)