

## Product Information

### MemDX™ Membrane Protein Human ODF4 (Outer dense fiber of sperm tails 4) expressed by *in vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP0827X**

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

This product is a 55.6 kDa Human ODF4 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

ODF4

##### Protein Length

Full-length

##### Molecular Weight

55.6 kDa

##### TMD

3

##### Sequence

MDAEYSGNEFPRSEGERDQHQRPKGKERKSGEAGWGTGELGQDGRLLSSTLSNRSLGQRQNSPLPFQWRITHSFRWMAQVI

#### 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

##### Form

Liquid

##### Purification

## Glutathione Sepharose 4 Fast Flow

### Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

### Storage

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

## 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

CT134; CT136; OPPO1; outer dense fiber protein 4; 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

### Gene ID

[146852](#)

### UniProt ID

[Q2M2E3](#)