

# Product Information

## **MemDX™ Membrane Protein Human TOMM22 (Translocase of outer mitochondrial membrane 22) for Antibody Discovery**

Cat. No.: **MP1439X**

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

This product is a 41.36 kDa Human TOMM22 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

TOMM22

#### Protein Length

Full-length

#### Molecular Weight

41.36 kDa

#### TMD

1

#### Sequence

MAAAVAAAGAGEPQSPDELLPKGDAEKPEEELEEDDDEELDETLSERLWGLTEMFPERVRSAGATFDLSLFVAQKMYRFSRAAL

### 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**

TOMM22

### **Full Name**

Translocase of outer mitochondrial membrane 22

### **Introduction**

The protein encoded by this gene is an integral membrane protein of the mitochondrial outer membrane. The encoded protein interacts with TOMM20 and TOMM40, and forms a complex with several other proteins to import cytosolic preproteins into the mitochondrion.

### **Alternative Names**

1C9-2; TOM22; MST065; MSTP065; mitochondrial import receptor subunit TOM22 homolog; mitochondrial import receptor Tom22; translocase of outer membrane 22 kDa subunit homolog; translocase of outer mitochondrial membrane 22 homolog

### **Gene ID**

[56993](#)

### **UniProt ID**

[Q9NS69](#)