

# Product Information

## MemDX™ Membrane Protein Human TMEM45B (Transmembrane protein 45B) for Antibody

### Discovery

Cat. No.: **MP1420X**

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

This product is a 58.2 kDa Human TMEM45B 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

TMEM45B

#### Protein Length

Full-length

#### Molecular Weight

58.2 kDa

#### TMD

7

#### Sequence

MANFKGHALPGSFFLIIGLCWSVKYPLKYFSHTRKNSPLHYYQRLEIVEAAIRTLFSVTGILAEQFVPDGPHLHLYHENHWIKLMNWC

### 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**

TMEM45B

**Full Name**

Transmembrane protein 45B

**Introduction**

The TMEM45B gene is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, and frog.

**Alternative Names**

transmembrane protein 45B

**Gene ID**

[120224](#)

**UniProt ID**

[Q96B21](#)