

# Product Information

## MemDX™ Membrane Protein Human TMEM109 (Transmembrane protein 109)

Cat. No.: **MP0024J**

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

This product is a 26 kDa Human TMEM109 membrane protein expressed in HEK293T. 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

TMEM109

#### Protein Length

Full-length

#### Protein Class

Transmembrane

#### Molecular Weight

26 kDa

#### TMD

3

#### Sequence

MAASSISSPWGKHVFKAILMVLVALILLHSALAQSRDFAPPGQQKREAPVDVLTQIGRSVRGTLDWIG  
PETMHLVSESSSQVLWAISSAISVAFFALSGIAAQLLNALGLAGDYLAQGLKLSPGQVQTFLWAGALV  
VYWLLSLLGLVLALLGRILWGLKLVIFLAGFVALMRSVPDPSTRALLLLALLILYALLSRLTGSRASGA  
QLEAKVRGLERQVEELRWRQRRRAAKGARSVEEE

### Product Description

#### Expression Systems

HEK293T

#### Tag

C-Myc/DDK

#### Form

Powder

#### Purification

Anti-DDK affinity column followed by conventional chromatography steps

**Purity**

> 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer**

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

**Storage**

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

**Target****Target Protein**

TMEM109

**Full Name**

Transmembrane protein 109

**Introduction**

May mediate cellular response to DNA damage by protecting against ultraviolet C-induced cell death. Can form voltage-gated calcium and potassium channels in vitro.

**Alternative Names**

MGC5508; mitsugumin-23

**Gene ID**

[79073](#)

**UniProt ID**

[Q9BVC6](#)