

# Product Information

## MemDX™ Membrane Protein Human TMEM14B (Transmembrane protein 14B)

Cat. No.: **MP0021J**

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

This product is a 11.9 kDa Human TMEM14B 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

TMEM14B

#### Protein Length

Full-length

#### Protein Class

Transmembrane

#### Molecular Weight

11.9 kDa

#### TMD

4

#### Sequence

MEKPLFPLVPLHWFGFGYTALVVSGGIVGYVKTGSVPSLAAWLLFGSLAGLGAYQLYQDPRNVWGFLAAT  
SVTFVGVGMGRSYYGKFMPVGLIAGASLLMAAKVGVRMLMTSD

### 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**

TMEM14B

**Full Name**

Transmembrane protein 14B

**Introduction**

Primate-specific protein involved in cortical expansion and folding in the developing neocortex. May drive neural progenitor proliferation through nuclear translocation of IQGAP1, which in turn promotes G1/S cell cycle transitions.

**Alternative Names**

FLJ60468; MGC1223

**Gene ID**

[81853](#)

**UniProt ID**

[Q9NUH8](#)