

# Product Information

## MemDX™ Membrane Protein Human TMEM53 (Transmembrane protein 53)

Cat. No.: **MP0038J**

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

This product is a 31.4 kDa Human TMEM53 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

TMEM53

#### Protein Length

Full-length

#### Protein Class

Transmembrane

#### Molecular Weight

31.4 kDa

#### TMD

1

#### Sequence

MASAELDYTIEIPDQPCWSQKNPSPGGKEAETRQPVVILLGWGGCKDKNLAKYSAIYHKRGCVIRYTA  
PWHMVFFSESLGIPSLRVLAQKLELLFDYEIEKEPLLHVFSNNGGVMLYRYVLELLQTRRFCRLRVVGT  
IFDSAPGDSNLVGALRALAAILERRAAMLRLLLLVAFALVVVLFHVLLAPITALFHTHFYDRLQDAGSRW  
PELYLYSRADEVVLARDIERMVEARLARRVLARSVDFVSSAHVSHLRDYPTYTYTSLCVDFMRNCVRC

### 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**

TMEM53

**Full Name**

Transmembrane protein 53

**Introduction**

The TMEM53 gene is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, fruit fly, mosquito, C.elegans, A.thaliana, rice, and frog.

**Alternative Names**

NET4; novel DUF829 domain-containing protein

**Gene ID**

[79639](#)

**UniProt ID**

[Q6P2H8](#)