

# Product Information

## MemDX™ Membrane Protein Human TMED10 (Transmembrane p24 trafficking protein 10)

### Full Length

Cat. No.: **MPC1181K**

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

This product is a 24.9 kDa Human TMED10 membrane protein expressed in HEK293. 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

TMED10

#### Protein Length

Full length

#### Protein Class

Transporter

#### Molecular Weight

24.9 kDa

#### TMD

1

#### Sequence

MSGLSGPPARRGPFPLALLLLFLLGPRLVLAISFHLPIINSRKCLREEIHK  
DLLVTGAYEISDQSGGAGGLRSHLKITDSAGHILYSKEDATKGKFAFTTE  
DYDMFEVCFESKGTGRIPDQLVILDMKHGVEAKNYEEIAKVEKLKPLEVE  
LRRLEDLSSESIVNDFAYMKKREEEMRDTNESTNTRVLYFSIFSMFCLIGL  
ATWQV FYLRRFFKAKKLIE

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

TMED10

**Full Name**

Transmembrane p24 trafficking protein 10

**Introduction**

This gene is a member of the EMP24/GP25L/p24 family and encodes a protein with a GOLD domain. This type I membrane protein is localized to the plasma membrane and golgi cisternae and is involved in vesicular protein trafficking. The protein is also a member of a heteromeric secretase complex and regulates the complex's gamma-secretase activity without affecting its epsilon-secretase activity. Mutations in this gene have been associated with early-onset familial Alzheimer's disease. This gene has a pseudogene on chromosome 8.

**Alternative Names**

TMED10; p23; TMP21; p24d1; S31I125; Tmp-21-I; S31III125; P24(Delta); transmembrane emp24 domain-containing protein 10; 21 kDa transmembrane trafficking protein; p24 family protein delta-1; p24delta; p24delta1; testicular tissue protein Li 206; transmembrane emp24-like trafficking protein 10; transmembrane protein Tmp21; Transmembrane p24 trafficking protein 10

**Gene ID**

[10972](#)

**UniProt ID**

[P49755](#)