

# Product Information

## MemDX™ Membrane Protein Human TGOLN2 (Trans-golgi network protein 2) Full Length

Cat. No.: **MPC3469K**

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

This product is a made-to-order Human TGOLN2 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

TGOLN2

#### Protein Length

Full length

#### Protein Class

Receptor

#### TMD

1

#### Sequence

MRFVVALVLLNVAAAGAVPLLATESVKQEEAGVRPSAGNVSTHPSLSQRP  
GGSTKSHPEPQTPKDSPSKSSAEQTPEDTPNKSGAEAKTQKDSSNKSGA  
EAKTQKGSTSKSGSEAQTTKDSTKSHPELQTPKDSTGKSGAEQTPEDS  
PNRSGAEAKTQKDSPSKSGSEAQTTKDVPNKSGADGQTPKDGSKSGAED  
QTPKDVPNKSGAEKQTPKDGSNKSGAEEQGPIDGPSKSGAEEQTSKDSPN  
KVVPEQPSRKDHSKPISNPSDNKELPKADTNQLADKGKLSPHAFKTESGE  
ETDLISPPQEEVKSSSEPTEDVEPKAEEDDDTGPEEGSPPKEEKEKMSGSA  
SSENREGTLDSTGSEKDDLYPNGSGNGSAESSHFFAYLVTAAILVAVLY  
IAHHNKRKIIAFVLEGKRSKVTRRPKASDYQRLDQKS

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

TGOLN2

**Full Name**

Trans-golgi network protein 2

**Introduction**

This gene encodes a type I integral membrane protein that is localized to the trans-Golgi network, a major sorting station for secretory and membrane proteins. The encoded protein cycles between early endosomes and the trans-Golgi network, and may play a role in exocytic vesicle formation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

**Alternative Names**

TGOLN2; TGN38; TGN46; TGN48; TGN51; TTN2; hTGN46; hTGN48; hTGN51; trans-Golgi network integral membrane protein 2; TGN38 homolog; trans-Golgi network glycoprotein 46; trans-Golgi network glycoprotein 48; trans-Golgi network glycoprotein 51; trans-Golgi network protein TGN51; Trans-golgi network protein 2

**Gene ID**

[10618](#)

**UniProt ID**

[O43493](#)