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Product Information

MemDX™ Membrane Protein Human TGOLN2 (Trans-golgi network protein 2) for Antibody Discovery

Cat. No.: **MP0306J**
This product is for research use only and is not intended for diagnostic use.

This product is a 45.7 kDa Human TGOLN2 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
TGOLN2

Protein Length
Full-length

Protein Class
Transmembrane

Molecular Weight
45.7 kDa

TMD
1

Sequence
MRFVVALVLLNVAAAGAVPLLATESVKQEDAGVRPSAGNVSTHPSLSQRPGGSTKSHPEPQTPKDSPSKS
SAEAQTPEDTPNKSGAEAKTQKDSSNKSGAEAKTQKGSTSKSGSEAQTTKDSTSKSHPELQTPKDSTGKS
GAEAQTPEDSPNRSGAEAKTQKDSPSKSGSEAQTTKDVPNKSGADGQTPKDGSSKSGAEDQTPKDVPNKS
GAEKQTPKDGSNKSGAEEQGPIDGPSKSGAEEQTSKDSPNKVVPEQPSRKDHSKPISNPSDNKELPKADT
NQLADKGKLSPHAFKTESGEETDLISPPQEEVKSSEPTEDVEPKEAEDDDTGPEEGSPPKEEKEKMSGSA
SSENREGTLSDSTGSEKDDLYPNGSGNGSAESSHFFAYLVTAAILVAVLYIAHHNKRKIIAFVLEGKRSK
VTRRPKASDYQRLDQKS

Product Description

Expression Systems
HEK293T

Tag
C-Myc/DDK

Form

Liquid

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

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

TGN38; TGN46; TGN48; TGN51; TTGN2; hTGN46; hTGN48; hTGN51

Gene ID

10618

UniProt ID

O43493