

# Product Information

## MemDX™ Membrane Protein Human TM2D2 (TM2 domain containing 2) Full Length

Cat. No.: **MPC3174K**

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

This product is a made-to-order Human TM2D2 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

TM2D2

#### Protein Length

Full length

#### Protein Class

Transporter

#### TMD

2

#### Sequence

MVLGGCPVSYLLLCGQAALLLGNLLLLHCVSRSHSQNATAEPELTSAGAA  
QPEGPGGAASWEYGDPHSPVILCSYLPDEFIECEDPVDHVG NATASQELG  
YGCLKFGGQAYS DVEHTSVQCHALD GIECASPR TFLRENKPCIKYTGHYF  
ITLLYSFFLGC FGVDRFCLGHTGTAVGKLLTLGGLGIWWFVDLILLITG  
GLMPSDGGSNWCTVY

### 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

TM2D2

### Full Name

TM2 domain containing 2

### Introduction

The protein encoded by this gene contains a structural module related to that of the seven transmembrane domain G protein-coupled receptor superfamily. This protein has sequence and structural similarities to the beta-amyloid binding protein (BBP), but, unlike BBP, it does not regulate a response to beta-amyloid peptide. This protein may have regulatory roles in cell death or proliferation signal cascades. This gene has multiple alternatively spliced transcript variants which encode two different isoforms.

### Alternative Names

TM2D2; BLP1; TM2 domain-containing protein 2; BBP-like protein 1; beta-amyloid-binding protein-like protein 1; TM2 domain containing 2

### Gene ID

[83877](#)

### UniProt ID

[Q9BX73](#)