

# Product Information

## MemDX™ Membrane Protein Human TLCD3B (TLC domain containing 3B) Full Length

Cat. No.: **MPC3092K**

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

This product is a made-to-order Human TLCD3B 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

TLCD3B

#### Protein Length

Full length

#### Protein Class

Transferase

#### TMD

4

#### Sequence

MLTPMVAGGVVFPGLFLLSKNTLQRLPQLRWEEADAVIVSARLVSSVQAI  
MASTAGYIVSTCKHIIDDQHWLSSAYTQFAVPYFIYDIAMFLCHWHKH  
QVKGHGGDDGAARAPGSTWAIARGYLHKEFLMVLHHAAMVLVCFPLSVVW  
RQKGDFFLGCMLMAEVSTPFVCLGKILIQYKQQHTLLHKVNGALMLLSF  
LCCRVLFPYLYWAYGRHAGLPLLAIPAHVNLGAALLLAPQLYWFF  
LICRGACRLFWPRSRPPACQAQD

### 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

TLCD3B

### Full Name

TLC domain containing 3B

### Introduction

This gene encodes a transmembrane protein, which may be a likely target of peroxisome proliferator-activated receptor gamma (PPAR-gamma). The product of the orthologous gene in mouse is related to obesity. Alternative splicing results in multiple transcript variants.

### Alternative Names

TLCD3B; FAM57B; FP1188; ceramide synthase; TLC domain 3B; TLC domain ceramide synthase 3B; TLC domain-containing protein 3B; epididymis secretory sperm binding protein; family with sequence similarity 57 member B; protein FAM57B; TLC domain containing 3B

### Gene ID

[83723](#)

### UniProt ID

[Q71RH2](#)