

Product Information

MemDX™ Membrane Protein Human TM2D3 (TM2 domain containing 3) for Antibody

Discovery

Cat. No.: **MP1374X**

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

This product is a 50.8 kDa Human TM2D3 membrane protein expressed in *In vitro* wheat germ expression system. 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

TM2D3

Protein Length

Full-length

Molecular Weight

50.8 kDa

TMD

2

Sequence

MAGGVRPLRGLRALCRVLLFLSQFCILSGGESTEIPPYVMKCPSNGLCSRLPADCIDCTTNFSCITYGKPVTFDCAVKPSVTCVDQDF

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Protein Format

Liposome

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

TM2D3

Full Name

TM2 domain containing 3

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. Several alternatively spliced transcript variants of this gene are described but the full length nature of some variants has not been determined. Multiple polyadenylation sites have been found in this gene.

Alternative Names

BLP2; TM2 domain-containing protein 3; BBP-like protein 2; almondex homolog; beta-amyloid-binding protein-like protein 2

Gene ID

[80213](#)

UniProt ID

[Q9BRN9](#)