

Product Information

MemDX™ Membrane Protein Human OTOP2 (Otopetrin 2) for Antibody Discovery

Cat. No.: **MP0981X**

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

This product is a 88.77 kDa Human OTOP2 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

OTOP2

Protein Length

Full-length

Molecular Weight

88.77 kDa

TMD

12

Sequence

MSSELAQGPKEPPAPRAGPREVWKKGGRLLSVLLAVNVLLACTLISGGAFNKVAVYDTDVFALLTAMMLLATLWILFYLLRTVRC

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

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

Target**Target Protein**

OTOP2

Full Name

Otopetrin 2

Introduction

Proton-selective channel that specifically transports protons into cells. Proton-selective channel activity is probably required in cell types that use changes in intracellular pH for cell signaling or to regulate biochemical or developmental processes.

Alternative Names

proton channel OTOP2

Gene ID

[92736](#)

UniProt ID

[Q7RTS6](#)