

Product Information

MemDX™ Membrane Protein Human TMEM59 (Transmembrane protein 59) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX0976K**

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

This product is a Human TMEM59 membrane protein expressed *in vitro* *E.coli* 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

TMEM59

Protein Length

Full Length of Mature Protein

Protein Class

Receptor

Molecular Weight

35.5kDa

TMD

1

Sequence

AFDSVLGDTASCHRACQLTYPLHTYPKEEELYACQRGCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQLF

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the C-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE.

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

TMEM59

Full Name

Transmembrane protein 59

Introduction

This gene encodes a protein shown to regulate autophagy in response to bacterial infection. This protein may also regulate the retention of amyloid precursor protein (APP) in the Golgi apparatus through its control of APP glycosylation. Overexpression of this protein has been found to promote apoptosis in a glioma cell line. Alternative splicing results in multiple transcript variants.

Alternative Names

TMEM59; DCF1; C1orf8; PRO195; UNQ169; HSPC001; dendritic cell factor 1; liver membrane-bound protein; Transmembrane protein 59

Gene ID

[9528](#)

UniProt ID

[Q9BXS4](#)