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Product Information

MemDX™ Membrane Protein Human TMEM59 (Transmembrane protein 59) Full Length

Cat. No.: **MPC1389K**
This product is for research use only and is not intended for diagnostic use.

This product is a 36.2 kDa Human TMEM59 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
TMEM59

Protein Length
Full length

Protein Class
Transporter

Molecular Weight
36.2 kDa

TMD
1

Sequence
MAAPKGSLWVRTQLGLPPLLLLTMALAGGSGTASAEAFDSVLGDTASCHR
ACQLTYPLHTYPKEEELYACQRGCRLFSICQFVDDGIDLNRTKLECESAC
TEAYSQSDEQYACHLGCQNQLPFAELRQEQLMSLMPKMHLLFPLTLVRSF
WSDMMDSAQSFITSSWTFYLQADDGKIVIFQSKPEIQYAPHLEQEPTNLR
ESSLSKMSYLQMRNSQAHRNFLEDGESDGFLRCLSLNSGWILTTTLVLSV
MVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR
SKTEDHEEAGPLPTKVNLAHSEI

Product Description

Expression Systems
HEK293

Tag
Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

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