

Product Information

MemDX™ Membrane Protein Human TMEM59 (Transmembrane protein 59)

Cat. No.: **MP0036J**

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

This product is a 36 kDa Human TMEM59 membrane protein expressed in HEK293T. 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

Transmembrane

Molecular Weight

36 kDa

TMD

1

Sequence

MAAPKGSLWVRTQLGLPPLLLLTALAGGSGTASAEAFDSVLGDTASCHRAQLTYPLHTYPKEEELYAC
QRGCRFLFSICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCQNQLPFAELRQEQLMSLMPKMHL
LFPLTLVRSFWSDMMDSAQSFITSSWTFYLAQDDGKIVIFQSKPEIQYAPHLEQEPTNLRESSLSKMSSD
LQMRNSQAHRNFLEDGESDGLRCLSLNSGWILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGD
LEFMNEQKLNRYPASSLVVVRSKTEDHEEAGPLPTKVNLAHSEI

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Powder

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

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

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

Gene ID

[9528](#)

UniProt ID

[Q9BXS4](#)