

Recombinant Full Length Human TMEM59 Protein, Flag tagged

Cat. No. TMEM59-15HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human transmembrane protein 59 (TMEM59) with Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293T
ProteinLength	1-323 aa
Description	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.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	36 kDa
AASequence	MAAPKGS LWVRTQLGLPPLLLLLTMALAGGSGTASAEAFDSVLGDTASCHRACQLTY PLHTYPKEEELYACQRGCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYAC HLGCQNQLPFAELRQEQLMSLMPKMHLFPPLTLVRSFWSMMDSAQSFITSSWTFY LQADDGKIVIFQSKPEIQYAPHLEQEPTNLRESSLSKMSSDLQMRNSQAHRNFLEDG ESDGLRCLSLNSGWILTTTLVLSVMVLLWICCATAVAVEQYVPSEKLSIYGDLEFM NEQKLNRYPASSLVVRSKTEDHEEAGPLPTKVNLAHSEITRTRPLEQKLISEEDLAA

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NDILDYKDDDDKV

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

Notes For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Concentration > 0.05 µg/µL as determined by microplate BCA method

GENE INFORMATION

Gene Name [TMEM59 transmembrane protein 59 \[Homo sapiens \(human\) \]](#)

Official Symbol [TMEM59](#)

Synonyms [TMEM59](#); [transmembrane protein 59](#); [DCF1](#); [C1orf8](#); [PRO195](#); [UNQ169](#); [HSPC001](#); [transmembrane protein 59](#); [dendritic cell factor 1](#); [liver membrane-bound protein](#)

Gene ID [9528](#)

mRNA Refseq [NM_004872](#)

Protein Refseq [NP_004863](#)

MIM [617084](#)

UniProt ID [Q9BXS4](#)

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SDS-PAGE and WB

116 —
66 —
45 —
35 —
25 —
18 —
14 —



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