

# Recombinant Human TMEM59 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** TMEM59-2097H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	TMEM59 MS Standard C13 and N15-labeled recombinant protein (NP_004863) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	36.3 kDa
<b>AA Sequence</b>	MAAPKGSLLWVRTQLGLPPLLLLTMALAGGSGTASAEAFDSVLGDTASCHRACQLTY PLHTYPKEEELYACQRGCRFLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYAC HLGCQNQLPFAELRQEQLMSLMPKMHLFPLTLVRSFWSMMDSAQSFITSSWTFY LQADDGKIVIFQSKPEIQYAPHLEQEPTNLRESSLSKMSSDLQMRNSQAHRNFLEDG ESDGFLRCLSLNSGWILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFM NEQKLNRYPASSLVVRSKTEDHEEAGPLPTKVNLAHSEITRTRPLEQKLISEEDLAA NDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

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<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

<b>Gene Name</b>	TMEM59 transmembrane protein 59 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TMEM59
<b>Synonyms</b>	TMEM59; transmembrane protein 59; C1orf8, chromosome 1 open reading frame 8; HSPC001; liver membrane-bound protein; C1orf8; FLJ42977;
<b>Gene ID</b>	9528
<b>mRNA Refseq</b>	NM_004872
<b>Protein Refseq</b>	NP_004863
<b>MIM</b>	617084
<b>UniProt ID</b>	Q9BXS4

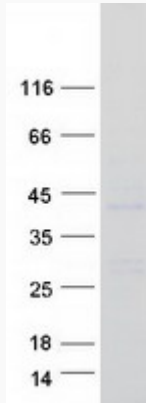
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SDS-PAGE



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