

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

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

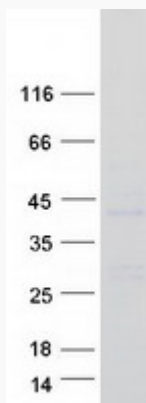
Gene Name	TMEM59 transmembrane protein 59 [Homo sapiens (human)]
Official Symbol	TMEM59
Synonyms	TMEM59; transmembrane protein 59; C1orf8, chromosome 1 open reading frame 8; HSPC001; liver membrane-bound protein; C1orf8; FLJ42977;
Gene ID	9528
mRNA Refseq	NM_004872
Protein Refseq	NP_004863
MIM	617084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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA