

Product datasheet for TP305624L

TMEM59 (NM_004872) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human transmembrane protein 59 (TMEM59), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC205624 protein sequence
Red=Cloning site **Green**=Tags(s)

MAAPKGSLLWVRTQLGLPPLLLLTMALAGGSGTASAEAFDSVLGDTASCHRACQLTYPLHTYPKEELYAC
QRGCRFLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQLPFAELRQEQLMSLMPKMHL
LFPLTLVRSFWSMMDSAQSFITSSWTFYLLQADDGKIVIFQSKPEIQYAPHLEQPTNLRESSLSKMSSD
LQMRNSQAHRNFLEDGESDGLRCLSLNSGWILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGD
LEFMNEQKLNRYPASSLVVRSKTEDHEEAGPLPTKVNLAHSEI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 36 kDa

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

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

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: 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°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_004863](#)

Locus ID: 9528



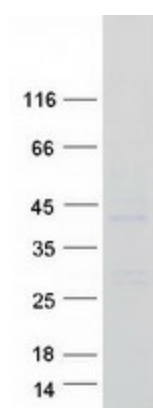
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UniProt ID: [Q9BXS4](#)
RefSeq Size: 1709
Cytogenetics: 1p32.3
RefSeq ORF: 972
Synonyms: C1orf8; DCF1; HSPC001; PRO195; UNQ169

Summary: 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. [provided by RefSeq, Feb 2015]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TMEM59 protein (Cat# [TP305624]). The protein was produced from HEK293T cells transfected with TMEM59 cDNA clone (Cat# [RC205624]) using MegaTran 2.0 (Cat# [TT210002]).