

Product datasheet for **TP305624**

TMEM59 (NM_004872) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transmembrane protein 59 (TMEM59), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205624 protein sequence Red =Cloning site Green =Tags(s)

MAAPKGSLLWVRTQLGLPPLLLLTMALAGGSGTASAEAFDSVLGDTASCHRACQLTYPLHTYPKEELYAC
QRGCRFLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQLPFAELRQEQLMSLMPKMHL
LFPLTLVRSFWSMMDSAQSFITSSWTFYLQADDGKIVIFQSKPEIQYAPHLEQPTNLRESSLSKMSSD
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

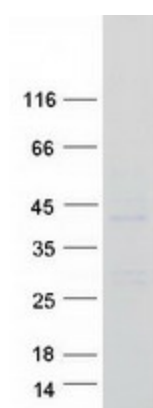
RefSeq ORF: 972

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]).