

Product datasheet for **TP301707M**

TMEM109 (NM_024092) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human transmembrane protein 109 (TMEM109), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC201707 protein sequence
Red=Cloning site **Green**=Tags(s)

MAASSISSPWGKHVFKAILMVLVALILLHSALAQSRDFAPPGQQKREAPVDVLTQIGRSVRGTLDAWIG
PETMHLVSESSQVLWAISSAISVAFFALSGIAAQLLNALGLAGDYLAQGLKLSPGQVQTFLWGAGALV
VYWLLSLLGLVLALLGRILWGLKLVIFLAGFVALMRSVPDPSTRALLLALLILYALLSRLTGSRASGA
QLEAKVRGLERQVEELRWRQRRRAAKGARSVEEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 26 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_076997](#)

Locus ID: 79073

UniProt ID: [Q9BVC6](#)



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RefSeq Size: 2412

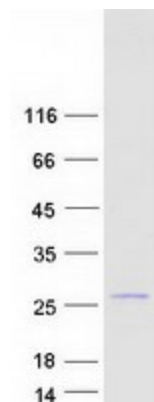
Cytogenetics: 11q12.2

RefSeq ORF: 729

Summary: May mediate cellular response to DNA damage by protecting against ultraviolet C-induced cell death (PubMed:23542032). Can form voltage-gated calcium and potassium channels in vitro (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TMEM109 protein (Cat# [TP301707]). The protein was produced from HEK293T cells transfected with TMEM109 cDNA clone (Cat# [RC201707]) using MegaTran 2.0 (Cat# [TT210002]).