

Product datasheet for **TP301707**

TMEM109 (NM_024092) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transmembrane protein 109 (TMEM109), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201707 protein sequence Red =Cloning site Green =Tags(s)
	MAASSISSPWGKHVFKAILMVLVALILLHSALAQSRDFAPPGQQKREAPVDVLTQIGRSVRGTLDAWIG PETMHLVSESSQVLWAISSAISVAFFALSGIAAQLLNALGLAGDYLAQGLKSPGQVQTFLLWGAGALV VYWLLSLLLGLVLALLGRILWGLKLVIFLAGFVALMRSVPDPSTRALLLLALLILYALLSRLTGSRASGA QLEAKVRGLERQVEELRWRQRRAAKGARSVEEE
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
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:	<u>NP_076997</u>
Locus ID:	79073
UniProt ID:	<u>Q9BVC6</u>



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RefSeq Size: 2412

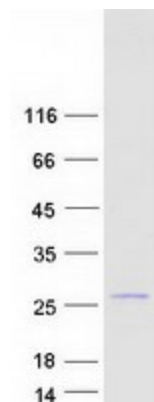
Cytogenetics: 11q12.2

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]).