

## Product datasheet for **RC208414**

### **TMEM116 (NM\_138341) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM116 (NM_138341) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TMEM116
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC208414 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAACACACCCAGAGTGGACAGAGCACATCTCCACTGGTGATAGATTAACTTGTGCGAGTTTGTCAA  
TGGCCTTTGTTTTCTCAAGCCTGATACCTCTGCTATTGATGACACCTGTATTCTGTCTGGGAAATACTAG  
TGAATGTTTCCAAAACCTCAGTCAGAGCCACAAGTGATCTTGATGCACTACCACCATCAGCCATGGCT  
GAACTTCCACCTTCTGCCAACACATCTGTCTGTAGCACACTTTATTTTTATGGTATCGCCATTTTCCTGG  
GCAGCTTTGTACTCAGCCTCCTTACCATTATGGTCTTACTTATCCGAGCCAGACATTGTATAAGAAGTT  
TGTGAAGTCAACTGGCTTTCTGGGGAGTGAACAGTGGGCAGTGATTCACATTGTGGACCAACGGGTGCGC  
TTCTACCCGGTGGCCTTCTTTTGTCTGCTGGGGCCAGCTGTCATTCTAATGATCATAAAGCTGACTAAGC  
CACAGGACACCAAGCTTCACATGGCCCTTTATGTTCTCCAGGCTTAACGGCAACATCTCAGGGTCTACT  
CAACTGTGGAGTATATGGCTGGACGCAGCACAAATCCACCAACTAAAGCAGGAGGCTCGGCGTGATGCA  
GATACCCAGACACCATTATTATGCTCACAGAAGAGATTCTATAGCAGGGGCTTAAATTCCTGGAATCCA  
CCCTGACTTTTCTGCCAGTACTTCTACCATTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_138341.2](#), [NP\\_612350.1](#)

**RefSeq Size:** 1543 bp

**RefSeq ORF:** 738 bp

**Locus ID:** 89894

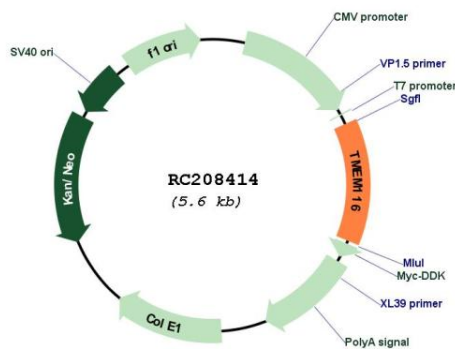
**UniProt ID:** [Q8NCL8](#)

**Cytogenetics:** 12q24.12-q24.13

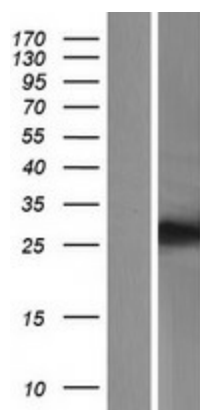
**Protein Families:** Druggable Genome, Transmembrane

**MW:** 27.5 kDa

**Product images:**



Circular map for RC208414



Western blot validation of overexpression lysate (Cat# [LY408618]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC208414 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).