

## Product datasheet for RC225715

### TMEM130 (NM\_001134450) Human Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: TMEM130 (NM\_001134450) Human Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: TMEM130  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >RC225715 representing NM\_001134450  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGATCGCC

ATGGCCCAGGCAGTGTGGTCGCGCCTCGGCCGCATCCTCTGGCTTGCCTGCCTCCTGCCCTGGGCCCGG  
 CAGGGGTGGCCGAGGCCTGTATGAACCTCAATCTACCACCGATAGCCCTGCCACCACGGGAGCGGTGGT  
 GACCATCTCGCCAGCCTGGTGGCCAAGGACAACGGCAGCCTGGCCCTGCCCGCTGACGCCACCTCTAC  
 CGCTTCCACTGGATCCACACCCCGTGGTCTTACTGGCAAGATGGAGAAGGGTCTCAGCTCCACCATCC  
 GTGTGGTCGGCCACGTGCCCGGGAATTCGCGTCTGTCTGGTCACTGCCGCTGACTGCTGGATGTG  
 CCAGCCTGTGGCCAGGGCTTTGTGGTCCTCCCATCACAGAGTTCCTCGTGGGGACCTTGTGTGCAAC  
 CAGAACACTTCCCTACCCTGGCCAGCTCCTATCTCACTAAGACCGTCTGAAAGTCTCCTTCTCCTCC  
 ACGACCCGAGCAACTTCCCAAGACCGCCTTGTCTCTACAGCTGGGACTTCGGGGACGGGACCCAGAT  
 GGTGACTGAAGACTCCGTGGTCTATTATAACTATTCCATCATCGGGACCTTACCCTGAAGCTCAAAGTG  
 GTGGCGGAGTGGGAAGAGGTGGAGCCGGATGCCACGAGGGCTGTGAAGCAGAAGACCGGGGACTTCTCCG  
 CCTCGCTGAAGCTGCAGGAAACCCTTCGAGGCATCCAAGTGTGGGGCCACCCTAATTCAGACCTTCCA  
 AAAGATGACCGTGACCTTGAACCTCCTGGGAGCCCTCCTCTGACTGTGTGCTGGCGTCTCAAGCCTGAG  
 TGCTCCCGCTGGAGGAAGGGGAGTGCCACCCTGTGTCCGTGGCCAGCACAGCGTACAACCTGACCCACA  
 CCTTCAGGGACCTGGGGACTACTGCTTACGATCCGGGCGGAGAATATCATCAGCAAGACATCATGTA  
 CCACAAGATCCAGGTGTGGCCCTCCAGAATCCAGCCGGTGTCTTTGCTTTCCCATGTGCTACACTTATC  
 ACTGTGATGTTGGCCTTCATCATGTACATGACCCTGCGGAATGCCACTCAGCAAAAGGACATGGTGGAGG  
 TGGCTGATTTTGAATTTTCCCCATGTCTGACAAGAACCCTGGAGCCACCTCTGGGGTCAAGTGTGCTG  
 CCAGATGTGCTGTGGCCTTTCTTGTGGAGACTCCATCTGAGTACCTGGAAATTGTTCTGTGAGAACCAC  
 GGGCTGTCCCGCCCTCTATAAGTCTGTCAAACTTACACCGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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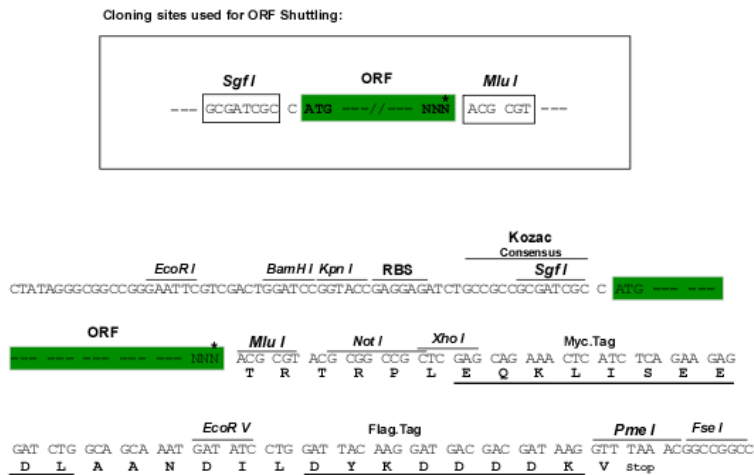
**Protein Sequence:** >RC225715 representing NM\_001134450  
Red=Cloning site Green=Tags(s)

MAQAVWSRLGRILWLACLLPWAPAGVAAGLYELNLTTDSPATTGAVVTISASLVAKDNGSLALPADAHLY  
 RFHWIHTPLVL TGKMEKGLSSTIRVVGHVPGFVPVSVWVTAADCWMCQPVARGFVVLPITEFLVGDLVVT  
 QNTSLPWPSSYLTKTVLKVSVLLHDPNSFLKLTALFLYSWDFGDGTQMVTEDSVVYYNYSIIGTFTVKLKV  
 VAEWEEVEPDATRAVKQKTGDFSASLKLQETLRGIQVLTGPTLIQTFQKMTVTLNFLGSPPLTVCWRLKPE  
 CLPLEEGECHPVSVASTAYNLHTFRDPGDYCFSSIRAENIISKTHQYHKIQVWPSRIQPAVFAFPCATLI  
 TVMLAFIMYMTLRNATQQKDMVEVADDFDFSPMSDKNPEPPSGVRCCCQMC CGPFLLLETPSEYLEIVRENH  
 GLLPPLYKSVKTYTV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001134450

**ORF Size:** 1305 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**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\\_001134450.2](#)

**RefSeq ORF:** 1308 bp

**Locus ID:** 222865

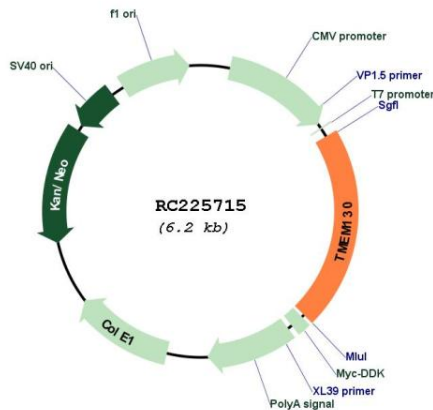
**UniProt ID:** [Q8N3G9](#)

**Cytogenetics:** 7q22.1

**Protein Families:** Transmembrane

**MW:** 48.1 kDa

### Product images:



Circular map for RC225715