

## Product datasheet for **RG208180**

### **TMEM200A (NM\_052913) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	TMEM200A (NM_052913) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TMEM200A
Synonyms:	KIAA1913; TTMA; TTMC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG208180 representing NM\_052913  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGATAGCAACTGGTGGAGTGATAACTGGCCTGGCCGCTTGAAAAGCCAAGACTCTGCCAGATCACAGC  
 AGCATGTCAACCTCAGCCGCTCTCTGCTACCCAAGAGAAGAAGCCCATCAGGCGCCGGCCCGGGCAGA  
 TGTTGTGGTTGTTCTGCGGCAAAATCCGGCTTTATTCCCCATCTGGTTTTTTTTCTATTTTAGGAGTGCTC  
 ATCTCCATTATAGGAATTGCCATGGCCGTTCTTGGATATTGGCCCCAAAAAGAACATTTTATTGATGCTG  
 AAACAACACTGTCAACAAATGAAACTCAGGTCAATCGAATGAAGGCGGTGTGGTGGTTCGCTTCTTTGA  
 GCAGCATTGCAATCTGATAAGATGAAATGCTTGGCCGTTCCCATGGGGATTGGCATTTCATTTTC  
 ATTTGTGCTAATGCCATTCTTCATGAAAACCGTGACAAAGAGACCAAAATCATACACATGAGGGATATCT  
 ATCCACAGTCATTGACATTCACACGCTAAGAATCAAGGAGCAAAGGCAAATGAACGGCATGTACTCTGG  
 TTTGATGGGAGAAACAGAAGTAAACAGAATGGGAGCTCCTGTGCCTCGAGATTGCCAGCAAATACGATC  
 GCCTCTTTCTCGGTTTTTCGGAGCAGTTTTCGAATGGACAGCTCCGTGGAGGAGGATGAACCTATGTTAA  
 ATGAAGGTAAGAGTTCTGGGCATCTTATGCCCCCTTTGCTCTCTGACAGCTCTGTGTCTGTCTTTGGCCT  
 CTATCCACCTCCTTCCAAGACAACCTGATGATAAGACCAGCGGCTCTAAGAAATGTGAAACCAAGTCAATT  
 GTGTCACTCGTCCATCAGTGCTTTTACATTGCTGTGATCAAACCTAATAACTGTGTTATTGATGAGCCCA  
 GTATAGATAACATCACTGAAGATGCTGACAACCTCAAAGTAGGTCAAGGAATTTGTCAATGGATTCCCT  
 TGTGGTTCCTTTGCCAACACCAAGTGAATCCTCCAGCCCGTCAGCACAGTGCTACCAAGGAATAATTCC  
 ATGGGGAGTCGTTGTCGAGTCAGTACAAGTCATCTATGGCTCTCGGACCTGGGGCTGGACAGCTCTTGT  
 CTCTGGGGCTGCCAGAAGACAGTTCGGTCCAATACATCCTTGCATTGCTCTCGTCAACTCAAAGTC  
 CTTGGACTTAGACCGGGTCCCTCCACTTAAGTGTTCAGGCAGAACACGGAAACATCCAAGTTGGCCT  
 AGGTTGGATCGGAACAACAGCAAGGATATATGAAACTAGAGAACAAGAAGACCCGATGGATAGGTTGC  
 TTGTGCCCAAGTTGCCATCAAAAAGGACTTTACCAATAAGGAGAAGCTTCTTATGATTTCAAGATCTCA  
 CAATAATTTGAGTTTTGAACATGATGAGTTTTTGAGTAACAACCTAAAGAGGGGAACCTCTGAAACAAGG  
 TTT

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>RG208180 representing NM\_052913  
 Red=Cloning site Green=Tags(s)

MIATGGVITGLAALKRQDSARSQQHVNLSPPATQEKKPIRRRPRADVVRGKIRLYSPSGFFLILGVL  
 ISIIIGIAMAVLGYWPQKEHFIDAETTLSTNETQVIRNEGGVVVRFQHLHSDKMKMLGPFMTMIGIFIF  
 ICANAILHENRDKETKIIHMRDIYSTVIDIHTLRIKEQRQMNGMYTGLMGETEYKQNGSSCASRLAANTI  
 ASFSGFRSSFRMDSSVEEDELMLNEGKSSGHLMPPLLSDSSVSFVFLYPPPSKTTDDKTSGSKKCEKTSI  
 VSSSISAFITLPVIKLNNCVIDEPSIDNITEDADNLKRSRNL SMDSLVPLPNTSESFQPVSTVLPNNSS  
 IGESLSSQYKSSMALGPGAGQLLSPGAARRQFGSNTSLHLLSSHKSLDLDRGPSTLTVQAEQRKHPSPW  
 RLDRNNSKGYMKLENKEDPMDRLLVPQVAIKKDFTNKEKLLMISRSHNNLSFEHDEFLLNNLKRGTSETR  
 F

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_052913

**ORF Size:** 1473 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\\_052913.1](#)

**RefSeq Size:** 5042 bp

**RefSeq ORF:** 1476 bp

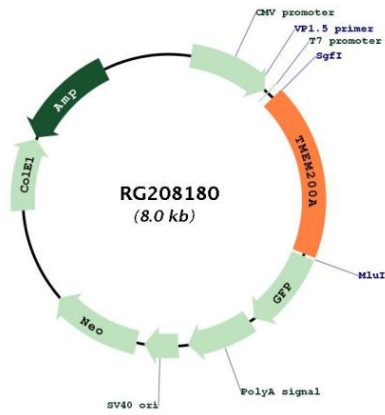
**Locus ID:** 114801

**UniProt ID:** [Q86VY9](#)

**Cytogenetics:** 6q23.1

Protein Families: Transmembrane

Product images:



Circular map for RG208180