

Product datasheet for **RG213192**

TMEM184A (NM_001097620) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM184A (NM_001097620) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TMEM184A
Synonyms:	SDMG1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG213192 representing NM_001097620 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTAAATGTCTCAGGGATCCTGGAGACAGCCGGCGTCCCCCTGGTGTGACGGAAGTGGCCGAGCCCA
GCCCCCACCAGGCTGTGCCAGCTGGGCCGAGATGGACCACATGGGGAACAGCTCCAGGGGGCCCCCTG
GCTTTTCTCACCTCCGACTGGCCGAGGCGTCTCGGGATCTCGTGTGGACTGCCCTGGTGTCTCACC
TGCCACCAGATCTATCTGCACCTGCGCTCTACACCGTCCACAGGAGCAAGTTACATCATCCGCTGC
TCCTCATCGTGCCCATCTACGCCTTCGACTCCTGGCTCAGCCTCCTCCTCGGAGACCACCAGTACTA
CGTCTACTTCGACTCTGTGCGGGACTGCTACGAAGCCTTTGTCAATTTACAGCTTCCCTGAGCTGTGTTT
CAGTACCTGGGAGGCGAGGGCGCCATCATGGCTGAGATTTCGTGGAAGCCCATCAAGTCCAGCTGCTTGT
ACGGCACCTGCTGCCTCCGGGGCATGACCTACTCCATCGGGTTCTGCGCTTCTGTAAGCAGGCCACTCT
GCAGTTTGCCTGGTGAAGCCCGTATGGCCGTACCACCATCATCTCCAGGCATTTGGCAAATACCCAC
GACGGGGACTTCAATGTCCGCAGCGGCTACCTCTATGTGACCCTCATCTACAACGCTCCGTGAGCCTCG
CCCTCTACGCCCTGTTCTTCTACTTACCACCAGGGAGCTCCTGCGGCCCTCCAGCCCGTCTCAA
GTTCTCACCATCAAAGCCGTATCTTCTGTGTTCTGGCAAGGGCTGCTGCTGGCCATCCTGGAGCGG
TGCGGGTTCATCCCGAGGTGGAGACCAGCGCGGGAACAAGTGGGGCTGGCAGCTGGCCCGCCGGCT
ACCAGAACTTATCATCTGCGTGGAGATGCTGTTGCGCTCCGTGGCCCTGCGTTATGCCTTCCCCTGCCA
GGTGTACGCAGAGAAGAAGGAGAATTCACCAGCCCCCGGCACCCATGCAGAGCATCTCCAGCGGCATC
AGGGAGACAGTGAGCCCCAGGACATCGTGCAGGACGCCATCCACAATTCTCCCCGCCTACCAGCACT
ACACGCAGCAGGCCACGCACGAGGCGCCAGGCCCGGCACCCACCCAGCGGCGGCTCCGGCGGGAGCAG
GAAGAGCCGGAGCTGGAGAAGCGGATGCTGATCCCCTCGGAGGACCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online >](#)

Protein Sequence: >RG213192 representing NM_001097620
Red=Cloning site Green=Tags(s)

```
MSNVSGILETAGVPLVSANWPQSPPPAVPAGPQMDHMGNSSQGAPWLFLTSALARGVSGIFVWTALVLT
CHQIYLHLRSYTPQEQRYYIIRLLLIVPIYAFDSWLSLLLLGDHQYVVYFDSVRDCYEFVIYSFLSLCF
QYLGGEAIMEAIRGKPIKSSCLYGTCLLRGMTYSIGFLRFCKQATLQFCLVKPVMVTTIILQAFGKYH
DGDFFNVRSGLYVTLIYNASVSLALYALFLFYFTTRELLRPFQPVLKFLTIKAVIFLSFWQGLLLAILER
CGVIPEVETSGGNKLGAGTLAAGYQNFIIICVEMLFASVALRYAFPCQVYAEKKENSPAPPAPMQSISGGI
RETVSPQDIVQDAIHNFSPAYQHYTQQATHEAPRPGTHPSGGSGGSRKRSRLEKRMLIPSEDL
```

TRTRPLE - GFP Tag - V

Chromatograms: https://cdn.origene.com/chromatograms/ja1998_h09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001097620

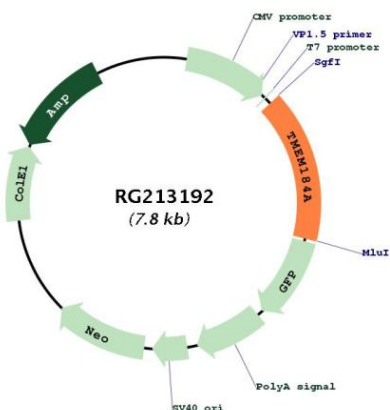
ORF Size: 1239 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in *E. coli* are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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_001097620.2](#)
- RefSeq Size:** 6293 bp
- RefSeq ORF:** 1242 bp
- Locus ID:** 202915
- UniProt ID:** [Q6ZMB5](#)
- Cytogenetics:** 7p22.3
- Protein Families:** Transmembrane
- Gene Summary:** Acts as a heparin receptor in vascular cells (By similarity). May be involved in vesicle transport in exocrine cells and Sertoli cells (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG213192