

## Product datasheet for **MG209324**

### Htf9c (BC038486) Mouse Tagged ORF Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                     |
| Product Name:             | Htf9c (BC038486) Mouse Tagged ORF Clone |
| Tag:                      | TurboGFP                                |
| Symbol:                   | Htf9c                                   |
| Synonyms:                 | Htf9c                                   |
| Mammalian Cell Selection: | Neomycin                                |
| Vector:                   | pCMV6-AC-GFP (PS100010)                 |
| E. coli Selection:        | Ampicillin (100 ug/mL)                  |



[View online »](#)

**ORF Nucleotide Sequence:**

>MG209324 representing BC038486  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGGACTGCGGCCAGGATGCCAGTGTACCCAGCTCTGCGCCCCACTATGTCAAAAAGAGGAAG  
 CAGGGCCTGGCCAGCTGCAGGGCCTGGAACGCAGCCTGGGCTCTACAGCTACATAAGGGATGACTTGTT  
 CACATCAGAAATCTTTAACTGGAGCTCCAAAATGTACCTCGCCACGCCAGCTTCAGTGACGTCCGGCGT  
 TTTCTAGGCCGTTTTGGTCTACAGTCCCACAAAATCAAACCTTTTGGACAGCCACCATGTGCCTTTGTAA  
 CATTCCGAAGCGCTGCTGAACGAGACAAGGCCCTTGCAGTGTGCACGGTGTCTCTGAAAAGGCTGTCC  
 GCTCAGCGTACGCTGGCCGACCCAAGGCTGACCCCATGGCTAGGAAGAGGGCGCAAGAAGGTGATAGT  
 GAGCCATCAGTAACACAAATTGCCGATGTGGTACCCCTCTGTGGACAGTGCCCTACACTGAGCAGCTGG  
 AGCAGAAGCGACTGGAATGTGAGCGGGTGTACAGAACTGGCCAAAGAAATGGGAACACTAATCGTGC  
 CCTGCTACCTGGCTGCTTTTACAGAGACAACAGCACAATAAAGCTTGTGCCCCCTGGAGGGGTCAAG  
 CCATCACCCAGCAGACTGAATATCGTAATAAATGTGAATTCCTGGTCGGAGTTGGGGTAGACGGCAAGG  
 ACAACACAGTTGGCTGCCGGCTTGGCAAGTACAAGGGTGAACATGTGCTGTGGCAGCTCCCTTTGACAC  
 TGTGCACATTCAGAGGCCACTAAGCAGGTGGTGAAGGCCTTCCAGGAATTCATCCGTTCCACACCATAC  
 TCGGCATATGACCCTGAGACATATACAGGCCACTGGAAGCAACTGACTGTTCTGACCAGCAGCCGAGGCC  
 AGGCCATGGCCATTGCCTACTTCCATCCCAGAAAAGTACTGCTGAGGAGGTGGCAGGACTAAAGGCCTC  
 CCTGGTGTGCCACTTTCATGGAGGGGCCAGGCAAGGCCAGTGGGGTACCTCCCTCTACTTTGTGGAGGAG  
 GGACAGAGAAAAGACTCCCAGCCAGGAAGGCCTGCCCTGGAGCATATGGCTGGCGACCACTGCATTGAG  
 GGTGCTCTACACAGTAATCCAGGAATGGGCACAGCTAGATGGGGCAGTACAGTGTGGACGTGTGCTGT  
 GGCACTGGCACCATAGGCCTGGCCTGGCTCCGAAGGTGAAGAGAGTGTGGGAATTGAACTGTGCCAGG  
 AGGCTGTGGAGGATGCCCGGATGAACGCCCTCACCAATGAGCTGAGCAATGTTGAGTTCCACTGTGGCAG  
 GGCTGAGGATCTGGTGCCAGGTTTGGTGGCAGACTGTCTTCCATCACTTGTAGCTGTCTAGACCCA  
 CCACGGGTGGCCTACATTCTAAGGTGATTCTGGCCATCCGAAAGCTGAGAACATCAAGCGACTCCTGT  
 ATGTTTCTGTAAACCCAGGGCAGCCATGGGCAACTTTGTGGACCTCTGCAGGGCCCCATCTAACCGAGT  
 AAAAGGCACCCCATCCATCCAGTCAAGGCTGTGGCAGTGGACCTGTTCCACAGACTCCGCACTGTGAG  
 ATGCTTATCTGTTTGGAGGATGCAACAACCCCAATGGCATAGAAGCCCTGGAGCATCAAGAATTC  
 AGACCCCAAGAAATCTTCTGATATCACTCCACAGGAAACAGAGATTTCCCTCTCA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>MG209324 representing BC038486  
 Red=Cloning site Green=Tags(s)

MEDCGQDASAVPSSAAPLCQKEEAGPGPAAGPGTQPGLYSYIRDDLFTSEIFKLELQNVPRHASFSDVRR  
 FLGRFGLQSHKIKLFGQPPCAFVTFRSAERDKALRVLHGALWKGCP LSVRLARPKADPMARKRRQEGDS  
 EPSVTQIADVVTPLWTPYTEQLEQKRLCERVLQKLAKEIGNTNRALLPWLLLQRQQHNKACCPLEGVK  
 PSPQQTEYRNKCEFLVGVGVDGKDNVTGCR LGKYKGGTCAVAAPFDTVHIPEATKQVVKAFQEFIRSTPY  
 SAYDPETYTGHWKQLTVRTSSRQAMAIAYFHPQKLSSEEVAGLKASLVCHFMEGPGKASGVTSLYFVEE  
 GQRKTPSQEGLPLEHMAGDQCIQEDLLGLTFRISPHAFFQVNTPAAEVL YTVIQEWAQLDGGSTVLDVCC  
 GTGTIGLALAPKVKRVVGIELCQEAVEDARMNALTNELSNVEFHCGR AEDLVPGLVSRLSSHQLVAVLDP  
 PRAGLHSKVILAIRKAENIKRLLYVSCNPRAAMGNFVDLCRAPSNRVKGTFFHPVKAVAVDLFPQTPHCE  
 MLILFERMQHPNGIEALEHQEFQTPRNLDPITPQETEISLS

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** BC038486

**ORF Size:** 1808 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:** [BC038486](#), [AAH38486](#)

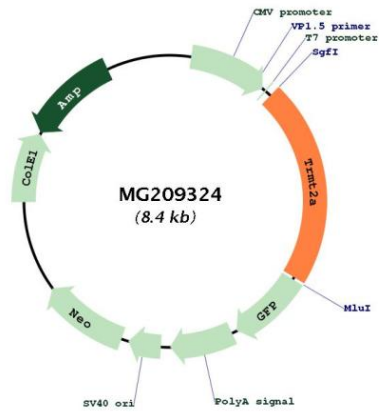
**RefSeq Size:** 2254 bp

**RefSeq ORF:** 1808 bp

**Locus ID:** 15547

**Cytogenetics:** 16 11.31 cM

Product images:



Circular map for MG209324