

## Product datasheet for **MG208585**

### Trim9 (BC052034) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trim9 (BC052034) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Trim9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG208585 representing BC052034  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAAGAGATGGAAGAAGAGTTAAATGCCCTGTGTGGCTCCTTCTATCGGGAGCCCATCATCTTGC  
 CCTGCTCTCACAATTTATGTGAGGCGTGCGCCCGCAACATCCTGGTGCAGACCCCGAGTCCGAGTCCCC  
 CCAGAGCCCGCGGCTCGGGCTCTGGGTTTCTGACTATGATTATCTGGACCTGGACAAGATGAGCCTG  
 TACAGCGAGGCGGACAGCGGCTATGGCTCTACGGAGTTTCGCCAGCGCCCCACTACCCCGTCCGAGA  
 AGTCGCCAACGGCGTCCCGTTTTCCCCCTGCTATGCCGCCACCGCCACCCACTGTACCCGGCTTT  
 GGCCCTGTGCCCGCAATTCCTGCATCACCTGCCCCAGTGCCACCGCAGCCTCATTCTGGATGACCGG  
 GGGCTCCGCGTTTTCCCAAGAACCGCTCTGGAAGGGTTCATCGACCGCTACCAACAGAGCAAAGCCG  
 CGGCCCTCAAGTCCAGCTCTGCGAGAAGCGCCCAAGGAAGCCACGGTTCATGTGTAACAGTGCATGT  
 CTTCTACTGCGACCTTGCCGTCTGCGTGCACCCGCCCCGGGTCCCCTAGCCAAACACCGTCTGGTG  
 CCCCCGCCCAGGGCCGGTTCAGCCGGCGCTGAGCCCGCAAGGTCTCCACCTGCACAGACCAGCAGC  
 TGGAGAACCACAGCATGTACTGCGTGAATGCAAGATGCCCGTTTGTACCAGTGCCTAGAGGAGGGCAA  
 ACACTCCAGCCACGAAGTCAAGGCTTTGGGGGCTATGTGAAATTGCACAAGAGCCAGCTCTCCAGGCC  
 CTGAATGGATTGTGCGACAGGGCCAAAGAAGCCAAAGGAGTTTCTGGTGCAGCTCCGACCATGGTACAAC  
 AGATCCAGGAAAACAGTGTGGAGTTTGGGCTGCCTGGTGGCCAGTGTGATGCGCTCATCGATGCCCT  
 AAACCGAAGGAAGGCTCAGCTGCTGGCCGGTCAACAAGGAGCATGAACACAAGCTGAAGTGGTTCGG  
 GACCAGATCTCTACTGCACGGTGAAGCTGCGTCAGACCACGGGCTCATGGAGTACTGCTTGAAGTGA  
 TTAAGGAGAACGACCCAGTGGCTTTTTCAGATTTTCAGATGCTCATAAGGCGAGTTCACCTAACTGA  
 GGACCAGTGGGGGAAGGGCACCCCTCACTCCAGGATGACCACAGACTTTGATCTGAGCCTGGACAACAGC  
 CCTCTGCTGCACTATTACCAACTGGACTTCGTGCAAGTGAAGCCTCCTCTCAGTCCAGCAACCC  
 CCATCCTACAGCTGGAGGAGTGTGCACCCACAACAACAGTGTACGCTGTCTGGAAACAGCCCCCTCT  
 GTCCACCGTAGCCCGGATGGATACATCTGGAGCTGGATGACGGCAGTGGTGGTCCAGTTCGGGAAGTG  
 TATGTTGAAAAGAAACAATGTGCACAGTGGACGGCTTCACTTCAACAGCACATAACAACGCTCGGGTTA  
 AGGCCTTCAACAAAACAGGAGTCAAGCCCTACAGCAAGACTGGTCTCCAGACGTCTGAGGGAAGG

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>MG208585 representing BC052034  
 Red=Cloning site Green=Tags(s)

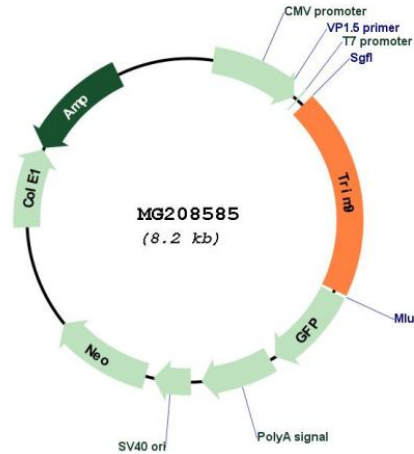
MEEMEEELKCPVCGSFYREPIILPCSHNLQACARNILVQTPESQPQRASGSGVSDYDYLDDKMSL  
 YSEADSGYGSYGGFASAPTPCQKSPNGVRVFPAMPPTTHLSPALAPVPRNSCITCPQCHRSLILDDR  
 GLRGFPKNRVLEGVIDRYQQSKAAALKCQLCEKAPKEATVMCEQCDVFCPCRLRCHPPRGLAKHRLV  
 PPAQGRVSRRLSPRKVSTCTDHELENHSMYCVQCKMPVCYQCLEEGKHSHEVKALGAMWKLHKSLSQA  
 LNGLSDRAKEAKEFLVQLRTMVQIQENSVFEACLVAQCDALIDALNRRKAQLLARVNKEHEHKLKVV  
 DQISHCTVKLRQTTGLMEYCLEVIKENDPSGFLQISDALIRRVHLTEDQWKGTLTPRMTDFDLSDNS  
 PLLQSIHQQLDFVQVQKASSPVPATPILQLEECCTHNNSATLSWKQPPLSTVAADGYILELDDGSGGQFREV  
 VYGKETMCTVDGLHFNSTYNARVKAFNKTGVSPYSKTLVLQTSEGR

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

Sgfl-MluI



**Plasmid Map:**


<b>ACCN:</b>	BC052034
<b>ORF Size:</b>	1610 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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:** [BC052034](#), [AAH52034](#)

**RefSeq Size:** 2413 bp

**RefSeq ORF:** 1610 bp

**Locus ID:** 94090

**Cytogenetics:** 12 C2

**Gene Summary:** E3 ubiquitin-protein ligase which ubiquitinates itself in cooperation with an E2 enzyme UBE2D2/UBC4 and serves as a targeting signal for proteasomal degradation. May play a role in regulation of neuronal functions. May act as a regulator of synaptic vesicle exocytosis by controlling the availability of SNAP25 for the SNARE complex formation.[UniProtKB/Swiss-Prot Function]