

Product datasheet for **MC221026**

Trim9 (NM_001110202) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Trim9 (NM_001110202) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Trim9 |
| Synonyms: | AI835002; C030048G07Rik; mKIAA0282 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >MC221026 representing NM_001110202
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAAGAGATGGAAGAAGAGTTAAATGCCCTGTGTGGCTCCTTCTATCGGGAGCCCATCATCTTGC
 CCTGCTCTCACAATTTATGT CAGGCGTGCGCCCGCAACATCCTGGTGCAGACCCCGAGTCCGAGTCCCC
 CCAGAGCCCGCGGCTCGGGCTCTGGGTTTCTGACTATGATTATCTGGACCTGGACAAGATGAGCCTG
 TACAGCGAGGCGGACAGCGGCTATGGCTCTACGGAGTTTCGCCAGCGCCCCACTACCCCGTCCAGA
 AGTCGCCAACGGCGTCCCGTTTTCCCCCTGCTATGCCGCCACCGCCACCCACTGTACCCGGCTTT
 GGCCCTGTGCCCGCAATTCCTGCATCACCTGCCCCAGTGCCACCGCAGCCTCATTCTGGATGACCGG
 GGGCTCCGCGTTTTCCCAAGAACCGCTCCTGGAAGGGTTCATCGACCGCTACCAACAGAGCAAAGCCG
 CGGCCCTCAAGTCCAGCTCTGCGAGAAGGCGCCAAGGAAGCCACGGTTCATGTGTGAACAGTGCATGT
 CTTCTACTGCGACCTTGCCGTCTGCGTGCACCCGCCCCGGGGTCCCCTAGCCAAACACCGTCTGGTG
 CCCCCGCCCAGGGCCGGTTCAGCCGGCGGCTGAGCCCGCGCAAGGTCTCCACCTGCACAGACCAGCAGC
 TGGAGAACCACAGCATGTACTGCGTGAATGCAAGATGCCCGTGTGTACCAGTGCCTAGAGGAGGGCAA
 ACACTCCAGCCACGAAGTCAAGGCTTTGGGGGCTATGTGAAATTGCACAAGAGCCAGCTCTCCAGGCC
 CTGAATGGATTGTGCGACAGGGCCAAAGAAGCCAAGGAGTTTCTGGTGCAGCTCCGCACCATGGTACAAC
 AGATCCAGGAAAACAGTGTGGAGTTTGAGGCTGCCTGGTGGCCAGTGTGATGCGCTCATCGATGCCCT
 AAACCGAAGGAAGGCTCAGCTGCTGGCCGGTCAACAAGGAGCATGAACACAAGCTGAAGGTGGTTCGG
 GACCAGATCTCTACTGCACGGTGAAGCTGCGTCAGACCAGGGCCTCATGGAGTACTGCTTGAAGTGA
 TTAAGGAGAACGACCCAGTGGCTTTTTCAGATTTTCAGATGCTCATAAAGCGAGTTCACTTAACTGA
 GGACCAAGTGGGGGAAGGGCACCCCTCACTCCAGGATGACCACAGACTTTGATCTGAGCCTGGACAACAGC
 CCTCTGCTGCAGTCTATTCACCAACTGGACTTCGTGCAAGTGAAGCCTCCTCTCCAGTCCAGCAACCC
 CCATCCTACAGCTGGAGGAGTGTGCACCCACAACAACAGTGTACGCTGTCTGGAAAACAGCCCTCT
 GTCCACCGTAGCCCGGATGGATACATCCTGGAGCTGGATGACGGCAGTGGTGGTCCAGTTCGGGAAGTG
 TATGTTGAAAAGAAACAATGTGCACAGTGGACGGCTTCACTTCAACAGCACATAACAACGCTCGGGTTA
 AGGCCTTCAACAAAACAGGAGTCAAGCCCTACAGCAAGACTGGTCTCCAGACGTCTGAGGGCTGCAA
 TTTTGAGACACAATCTGCATCCTACTCTCAATTAGTTGACATTAAGCTGTTGGCAGTGGCTTGGTTT
 GCTTTTGACCCCGCTCGGCCACTCCGACATCATCTTCTCCAATGACAACCTGACAGTGCAGTGCAGTA
 GCTACGATGACCCGGTGGTGTGGGAAAACCGGCTTCTCCAAAGGCGTCCACTACTGGGAGCTGACCAT
 AGATCGCTATGACAACCCCTGATCCAGCATTGGCGTGGCTCGCATCGATGTGATGAAGGATATGATG
 TTAGGGAAGGACGACAAAAGCTTGGGCAATAACTGAAGGAGGGATCACAAAAGGGGCCACCATCGGGTCC
 TCCTCGACTTAAACAGAAAGACATTAACGTTTTTCGTCAACAATGAACAGCAAGGCCCATAGCGTTTGA
 GAACGTGGAGGGCCTGTTCTTCCCTGCTGTCAGCCTGAACAGGAATGTGCAGTTCACGCTCCACACCGGG
 CTTCCGGTCCCGACTTCTACTCCAGCCGAGCTTCCATAGCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001110202
Insert Size: 2145 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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| 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: | <ol style="list-style-type: none">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: | <u>NM_001110202.1, NP_001103672.1</u> |
| RefSeq Size: | 4458 bp |
| RefSeq ORF: | 2145 bp |
| Locus ID: | 94090 |
| UniProt ID: | <u>Q8C7M3</u> |
| Cytogenetics: | 12 C2 |
| Gene Summary: | <p>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]</p> <p>Transcript Variant: This variant (2) lacks two in-frame exons in the central coding region, compared to variant 1. The encoded isoform (b) is shorter, compared to isoform a.</p> |