

Product datasheet for **MC218861**

Trim9 (NM_001110203) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim9 (NM_001110203) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim9
Synonyms:	A1835002; C030048G07Rik; mKIAA0282
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218861 representing NM_001110203
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAAGAGATGGAAGAAGAGTTAAATGCCCTGTGTGGCTCCTTCTATCGGGAGCCCATCATCTTGC
CCTGCTCTCACAATTTATGTGAGGCGTGCGCCCGCAACATCCTGGTGCAGACCCCGAGTCCGAGTCCCC
CCAGAGCCCGCGGCTCGGGCTCTGGGTTTCTGACTATGATTATCTGGACCTGGACAAGATGAGCCTG
TACAGCGAGGCGGACAGCGGCTATGGCTCCTACGGAGTTTCGCCAGCGCCCCACTACCCCGTCCGAGA
AGTCGCCAACGGCGTCCGCTTTCCCCCTGCTATGCCGCCACCGCCACCCACTGTACCCGGCTTT
GGCCCTGTGCCCGCAATTCCTGCATCACCTGCCCCAGTGCCACCGCAGCCTCATTCTGGATGACCGG
GGGCTCCGCGTTTCCCAAGAACCGCTCCTGGAAGGGTTCATCGACCGCTACCAACAGAGCAAAGCCG
CGCCCTCAAGTCCAGCTCTGCGAGAAGGCGCCCAAGGAAGCCACGGTTCATGTGTGAACAGTGCATGT
CTTCTACTGCGACCTTCCGCTGCGCTGCCACCGCCCGGGTCCCCTAGCCAAACACCGTCTGGTG
CCCCCGCCAGGCGCGTCCAGCCGGCGCTGAGCCCGCAAGGTCTCCACCTGCACAGACCACGAGC
TGGAGAACCACAGCATGTACTGCGTGAATGCAAGATGCCCGTGTGTACCAGTGCCTAGAGGAGGGCAA
ACACTCCAGCCACGAAGTCAAGGCTTTGGGGCTATGTGAAATTGCACAAGAGCCAGCTCTCCAGGCC
CTGAATGGATTGTGCGACAGGGCAAAGAAGCAAGGAGTTTCTGGTGCAGCTCCGACCATGGTACAAC
AGATCCAGGAAAACAGTGTGGAGTTTGGGCTGCCTGGTGGCCAGTGTGATGCGCTCATCGATGCCCT
AAACCGAAGGAAGGCTCAGCTGCTGGCCGGTCAACAAGGAGCATGAACACAAGCTGAAGTGGTTCCG
GACCAGATCTCTACTGCACGGTGAAGCTGCGTCAGACCACGGGCTCATGGAGTACTGCTTGAAGTGA
TTAAGGAGAACGACCCAGTGGCTTTTTCAGATTTTCAGATGCTCATAAGGCGAGTTCACTTAACTGA
GGACAGTGGGGGAAGGCAACCCTCACTCCAGGATGACCACAGACTTTGATCTGAGCCTGGACAACAGC
CCTCTGCTGCAGTCTATTCACCAACTGGACTTCGTGCAAGTAAAAGCCTCCTCTCAGTCCAGCAACCC
CCATCCTACAGCTGGAGGAGTGTGCACCCACAACAACAGTGTACGCTGTCTGGAAAACAGCCCTCT
GTCCACCGTAGCCCGGATGGATACATCCTGGAGCTGGATGACGGCAGTGGTGGTCCGGGAAGTG
TATGTTGAAAAGAAACAATGTGCACAGTGGACGGCTTCACTTCAACAGCACATAAACGCTCGGGTTA
AGGCCTTCAACAAAACAGGAGTCAAGCCCTACAGCAAGACTGGTCTCCAGACGTCTGAGGCAGCGGG
AGCCCATGAGACAAAACCTATGAAGGGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001110203

Insert Size: 1644 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).

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_001110203.1](#), [NP_001103673.1](#)

RefSeq Size: 4843 bp

RefSeq ORF: 1644 bp

Locus ID: 94090

UniProt ID: [Q8C7M3](#)

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]

Transcript Variant: This variant (3) lacks several exons, and contains an alternate 3'-terminal exon, compared to variant 1. This results in a novel 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (c) has a shorter and distinct C-terminus, compared to isoform a.