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Product datasheet for MC228213

Trim9 (NM_001286386) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim9 (NM_001286386) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

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Fully Sequenced ORF:

>MC228213 representing NM_001286386
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAAGAGATGGAAGAAGAGTTAAAATGCCCTGTGTGTGGCTCCTTCTATCGGGAGCCCATCATCTTGC
CCTGCTCTCACAATTTATGTCAGGCGTGCGCCCGCAACATCCTGGTGCAGACCCCGGAGTCCGAGTCCCC
CCAGAGCCGCCGGGCCTCGGGCTCTGGGGTTTCTGACTATGATTATCTGGACCTGGACAAGATGAGCCTG
TACAGCGAGGCGGACAGCGGCTATGGCTCCTACGGAGGTTTCGCCAGCGCCCCCACTACCCCGTGCCAGA
AGTCGCCCAACGGCGTCCGCGTTTTCCCCCCTGCTATGCCGCCACCGCCCACCCACCTGTCACCGGCTTT
GGCCCCTGTGCCCCGCAATTCCTGCATCACCTGCCCCCAGTGCCACCGCAGCCTCATTCTGGATGACCGG
GGGCTCCGCGGTTTCCCCAAGAACCGCGTCCTGGAAGGGGTCATCGACCGCTACCAACAGAGCAAAGCCG
CGGCCCTCAAGTGCCAGCTCTGCGAGAAGGCGCCCAAGGAAGCCACGGTCATGTGTGAACAGTGCGATGT
CTTCTACTGCGACCCTTGCCGTCTGCGCTGCCACCCGCCCCGGGGTCCCCTAGCCAAACACCGTCTGGTG
CCCCCGGCCCAGGGCCGCGTCAGCCGGCGGCTGAGCCCGCGCAAGGTCTCCACCTGCACAGACCACGAGC
TGGAGAACCACAGCATGTACTGCGTGCAATGCAAGATGCCCGTGTGCTACCAGTGCCTAGAGGAGGGCAA
ACACTCCAGCCACGAAGTCAAGGCTTTGGGGGCTATGTGGAAATTGCACAAGAGCCAGCTCTCCCAGGCC
CTGAATGGATTGTCGGACAGGGCCAAAGAAGCCAAGGAGTTCCTGGTGCAGCTCCGCACCATGGTACAAC
AGATCCAGGAAAACAGTGTGGAGTTTGAGGCCTGCCTGGTGGCCCAGTGTGATGCGCTCATCGATGCCCT
AAACCGAAGGAAGGCTCAGCTGCTGGCCCGGGTCAACAAGGAGCATGAACACAAGCTGAAGGTGGTTCGG
GACCAGATCTCTCACTGCACGGTGAAGCTGCGTCAGACCACGGGCCTCATGGAGTACTGCTTGGAAGTGA
TTAAGGAGAACGACCCCAGTGGCTTTTTGCAGATTTCAGATGCTCTCATAAGGCGAGTTCACTTAACTGA
GGACCAGTGGGGGAAGGGCACCCTCACTCCCAGGATGACCACAGACTTTGATCTGAGCCTGGACAACAGC
CCTCTGCTGCAGTCTATTCACCAACTGGACTTCGTGCAAGTGAAAGCCTCCTCTCCAGTCCCAGCAACCC
CCATCCTACAGCTGGAGGAGTGTTGCACCCACAACAACAGTGCTACGCTGTCCTGGAAACAGCCCCCTCT
GTCCACCGTAGCCGCCGATGGATACATCCTGGAGCTGGATGACGGCAGTGGTGGTCAGTTCCGGGAAGTG
TATGTTGGAAAAGAAACAATGTGCACAGTGGACGGCCTTCACTTCAACAGCACATACAACGCTCGGGTTA
AGGCCTTCAACAAAACAGGAGTCAGCCCCTACAGCAAGACACTGGTCCTCCAGACGTCTGAGGGAAGGTG
A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001286386

Insert Size: 1611 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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).

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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_001286386.1, NP_001273315.1
RefSeq Size:	4810 bp
RefSeq ORF:	1611 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 (4) 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 (d) has a shorter and distinct C-terminus, compared to isoform a.

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