

Product datasheet for **MR231187**

Trim9 (NM_001286388) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim9 (NM_001286388) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trim9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

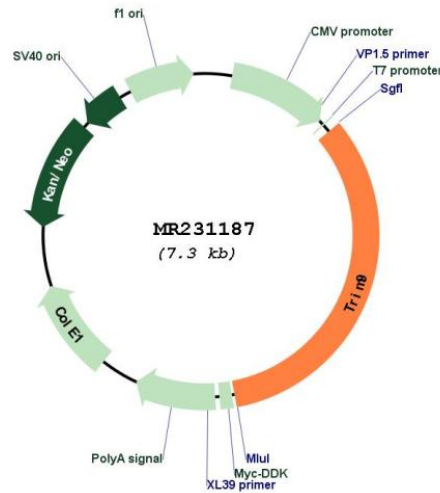
ORF Nucleotide Sequence:

>MR231187 representing NM_001286388
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGAGATGGAAGAAGAGTTAAATGCCCTGTGTGGCTCCTTCTATCGGGAGCCCATCATCTTGC
 CCTGCTCTCACAATTTATGT CAGGCGTGCGCCCGCAACATCCTGGTGCAGACCCCGAGTCCGAGTCCCC
 CCAGAGCCCGCGGCTCGGGCTCTGGGTTTCTGACTATGATTATCTGGACCTGGACAAGATGAGCCTG
 TACAGCGAGGCGGACAGCGGCTATGGCTCTACGGAGTTTCGCCAGCGCCCCACTACCCCGTCCAGAG
 AGTCGCCCAACGGCGTCCCGTTTTCCCCCTGCTATGCCGCCACCGCCACCCACTGTACCAGGCTTT
 GGCCCTGTGCCCGCAATTCCTGCATCACCTGCCCCAGTGCCACCGCAGCCTCATTCTGGATGACCGG
 GGGCTCCGCGTTTTCCCAAGAACCGGCTCTGGAAGGGTTCATCGACCCTACCAACAGAGCAAAGCCG
 CGGCCCTCAAGTCCAGCTCTGCGAGAAGGCGCCAAGGAAGCCACGGTTCATGTGTGAACAGTGCATGT
 CTTCTACTGCGACCTTTCGCGTCTGCGTGCACCCGCCCCGGGTCCCCTAGCCAAACACCGTCTGGTG
 CCCCCGGCCAGGGCCGGTTCAGCCGGCGGCTGAGCCCGCGCAAGGTCTCCACCTGCACAGACCAGGAGC
 TGGAGAACCACAGCATGTACTGCGTGCAATGCAAGATGCCCGTGTGTACCAGTGCCTAGAGGAGGGCAA
 ACACTCCAGCCACGAAGTCAAGGCTTTGGGGGCTATGTGGAATTGCACAAGAGCCAGCTCTCCAGGCC
 CTGAATGGATTGTTCGGACAGGGCAAAGAAGCCAAAGGAGTTTCTGGTGCAGCTCCGACCATGGTACAAC
 AGATCCAGGAAAACAGTGTGGAGTTTGAGGCTGCCTGGTGGCCAGTGTGATGCGCTCATCGATGCCCT
 AAACCGAAGGAAGGCTCAGCTGCTGGCCGGTCAACAAGGAGCATGAACACAAGCTGAAGTGGTTCGG
 GACCAGATCTCTACTGCACGGTGAAGCTGCGTCAGACCAGGGCCTCATGGAGTACTGCTTGAAGTGA
 TTAAGGGAACGACCCCAAGTGGCTTTTTCAGATTTTCAGATGCTCATAAAGCGAGTTCACTTAACTGA
 GGACAGTGGGGGAAGGGCACCCCTCACTCCAGGATGACCACAGACTTTGATCTGAGCCTGGACAACAGC
 CCTCTGCTGCAGTCTATTCACCAACTGGACTTCGTGCAAGTGAAGCCTCCTCTCCAGTCCAGCAACCC
 CCATCCTACAGCTGGAGGAGTGTGCACCCACAACAACAGTGTACGCTGTCTGGAAAACAGCCCTCT
 GTCCACCGTAGCCCGGATGGATACATCCTGGAGCTGGATGACGGCAGTGGTGGTCCAGTTCGGGAAAGT
 TATGTTGGAAAAGAAACAATGTGCACAGTGGACGGCTTCACTTCAACAGCACATAACAACGCTCGGGTTA
 AGGCCTTCAACAAAACAGGAGTCAAGCCCTACAGCAAGACTGGTCTCCAGACGTCTGAGGCAGCGGG
 AGCCCATGAGACAAAACCTATGAAGGACACAGACTCAGAAGAACAGACCCTCCCTTTCCAGTGCCTTCG
 GAAAGATTGCCGCTCCGTAGGATGAGCCCTTCTCCTCCACCCTAATCTACAACCCAGCTTCCCGGGA
 GGTCTACTTTGATTTCCGGTCTCACCCACAGCTGAGTTTGATTCTTTTACAGTCTCTCAATGC
 ACCGGGCTGCAATTTTGAGACACAATCTGCATCCTACTCTCAATTAGTTGACATTAAGGAGCTGTTGGCA
 GTGGCTTGGTTTGTCTTTGACCCGGCTCGGCCACTCCGACATCATCTTCTCCAATGACAACTTGACAG
 TGACGTGACAGTAGCTACGATGACCGGGTGGTGTGGGAAAACCGGCTTCTCCAAGGCGTCCACTACTG
 GGAGCTGACCATAGATCGCTATGACAACCACCTGATCCAGCATTTGGCGTGGCTCGCATCGATGTGATG
 AAGGATATGATGTTAGGGAAGGACGACAAAGCTGGGCAATGTATGTGGACAATAACCGGAGCTGGTTCA
 TGCACAACAACCTGCACACCAACAGAAGTGAAGGAGGGATCACAAAAGGGGCCACCATCGGGTCTCCT
 CGACTTAAACAGAAAGACATTAACGTTTTTCGTCAACAATGAACAGCAAGGCCCATAGCGTTTGAAGC
 GTGGAGGCTGTTCTTCCCTGCTGTGAGCCTGAACAGGAATGTGCAGGTACGCTCCACACCGGGCTTC
 CGGTCCCGACTTCTACTCCAGCCGAGCTTCCATAGCC

ACGCGTACGCGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Plasmid Map:


ACCN: NM_001286388

ORF Size: 2418 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: [NM_001286388.1](#), [NP_001273317.1](#)

RefSeq Size: 4734 bp

RefSeq ORF: 2421 bp

Locus ID: 94090

UniProt ID: [Q8C7M3](#)

Cytogenetics: 12 C2

MW: 90.3 kDa

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]