

Product datasheet for **MR225800**

Trim9 (NM_001110203) Mouse Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>MR225800 representing NM_001110203
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGAGATGGAAGAAGAGTTAAATGCCCTGTGTGGCTCCTTCTATCGGGAGCCCATCATCTTGC
 CCTGCTCTACAATTTATGT CAGGCGTGCGCCCGCAACATCCTGGTGCAGACCCCGAGTCCGAGTCCCC
 CCAGAGCCCGCGGCTCGGGCTCTGGGTTTCTGACTATGATTATCTGGACCTGGACAAGATGAGCCTG
 TACAGCGAGGCGGACAGCGGCTATGGCTCTACGGAGTTTCGCCAGCGCCCCACTACCCCGTCCAGA
 AGTCGCCAACGGCGTCCCGTTTTCCCCCTGCTATGCCGCCACCGCCACCCACTGTACCCGGCTTT
 GGCCCTGTGCCCGCAATTCCTGCATCACCTGCCCCAGTGCCACCGCAGCCTCATTCTGGATGACCGG
 GGGCTCCGCGTTTTCCCAAGAACCGCTCCTGGAAGGGTTCATCGACCCTACCAACAGAGCAAAGCCG
 CGGCCCTCAAGTCCAGCTCTGCGAGAAGCGCCCAAGGAAGCCACGGTCATGTGTGAACAGTGCATGT
 CTTCTACTGCGACCTTGCCGTCTGCGTGCACCCGCCCCGGGGTCCCCTAGCCAAACACCGTCTGGTG
 CCCCCGGCCAGGGCCGGT CAGCCGGCGCTGAGCCCGCAAGGTCTCCACCTGCACAGACCACGAGC
 TGGAGAACCACAGCATGTACTGCGTGAATGCAAGATGCCCGTGTGTACCAGTGCCTAGAGGAGGGCAA
 ACACTCCAGCCACGAAGTCAAGGCTTTGGGGCTATGTGAAATTGCACAAGAGCCAGCTCTCCAGGCC
 CTGAATGGATTGTGCGACAGGGCCAAAGAAGCCAAAGGAGTTCTGGTGCAGCTCCGACCATGGTACAAC
 AGATCCAGGAAAACAGTGTGGAGTTTGAGGCTGCCTGGTGGCCAGTGTGATGCGCTCATCGATGCCCT
 AAACCGAAGGAAGGCTCAGCTGCTGGCCGGTCAACAAGGAGCATGAACACAAGCTGAAGTGGTTCCG
 GACCAGATCTCTACTGCACGGTGAAGCTGCGTCAGACCACGGCCCTCATGGAGTACTGCTTGAAGTGA
 TTAAGGAGAACGACCCAGTGGCTTTTTCAGATTTTCAGATGCTCTATAAGGCGAGTTCACTTAACTGA
 GGACCAGTGGGGGAAGGGCACCCCTCACTCCAGGATGACCACAGACTTTGATCTGAGCCTGGACAACAGC
 CCTCTGCTGACGTCTATTCACCAACTGGACTTCGTGCAAGTAAAAGCCTCCTCTCAGTCCAGCAACCC
 CCATCCTACAGCTGGAGGAGTGTGCACCCACAACAACAGTGTACGCTGTCTGGAAAACAGCCCCCTCT
 GTCCACCGTAGCCCGGATGGATACATCCTGGAGCTGGATGACGGCAGTGGTGGTCCGGGAAGTG
 TATGTTGAAAAGAAACAATGTGCACAGTGGACGGCTTCACTTCAACAGCACATAACAACCTCGGGTTA
 AGGCCTTCAACAAAACAGGAGTCAAGCCCTACAGCAAGACTGGTCTCCAGACGTCTGAGGCAGCGGG
 AGCCCATGAGACAAAACCTATGAAGGGAAGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225800 representing NM_001110203
 Red=Cloning site Green=Tags(s)

MEEMEEELKCPVCGSFYREPIILPCSHNLQACARNILVQTPESQSRASGSGVSDYDYLDDKMSL
 YSEADSGYGSYGGFASAPTPCQKSPNGVRVFPAMPPTTHLSPALAPVPRNSCITCPQCHRSLILDDR
 GLRGFPKNRVLEGVIDRYQQSKAAALKCQLCEKAPKEATVMCEQCDFYCDPCRLRCHPPRGLAKHRLV
 PPAQGRVSRRLSPRKVSTCTDHELENHSMYCVQCKMPVCYQCLEEGKSSHEVKALGAMWKLHKSLSQA
 LNGLSDRAKEAKEFLVQLRTMVQQIQENSVEFEACLVAQCDALIDALNRRKAQLLARVNKEHEHKLKVVR
 DQISHCTVKLRQTTGLMEYCLEVIKENDPSGFLQISDALIRRVHLEDQWKGTLTPRMTDFDLSDNS
 PLLQSIHQLDVQVKASSPVPATPILQLEECCTHNSATLSWKQPPLSTVAADGYILELDDGSGGQFREV
 YVGKETMCTVDGLHFNSTYNARVKAFNKTVSPYSKTLVLQVSEAAGAHETKPMKGR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_001110203

ORF Size: 1641 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_001110203.1](#), [NP_001103673.1](#)

RefSeq Size: 4843 bp

RefSeq ORF: 1644 bp

Locus ID: 94090

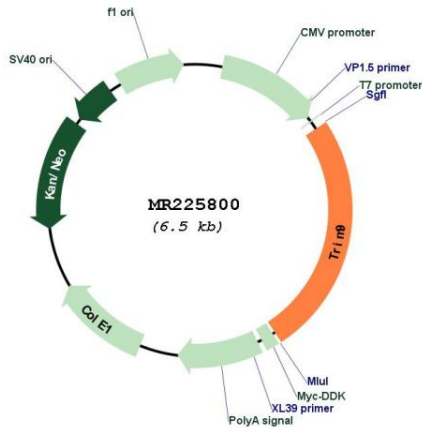
UniProt ID: [Q8C7M3](#)

Cytogenetics: 12 C2

MW: 61.3 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]

Product images:



Circular map for MR225800