

Product datasheet for **RN212038**

Trim9 (NM_130420) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim9 (NM_130420) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212038 representing NM_130420
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGAGATGGAAGAAGAGTTAAATGCCCCGTGTGTGGCTCCTTCTATCGGGAGCCCATCATCCTGC
 CCTGCTCTCACAATTTATGCCAGGCTTGCGCCCGCAACATCCTGGTGCAGACCCCGAGTCCGAGTCCCC
 CCAGAGCCCGCGGCTCGGGCTCTGGGTTTCTGACTATGACTATCTGGACCTGGACAAGATGAGCCTT
 TACAGCGAGGCGGACAGCGGCTATGGCTCTACGGAGTTTCGCCAGCGCCCCACTACCCCGTCCAGA
 AGTCGCCCAACGGCGTCCGTGTTTTCCCCCTGCTATGCCGCCACCGCCACCCACTGTACCAGGCTTT
 GGCCCTGTGCCCGCAACTCCTGCATTACCTGCCCCAGTGCCACCGCAGCCTCATTCTGGATGACCGG
 GGGCTCCGCGGCTCCCAAGAACCGGCTCCTGGAAGGGTTCATCGACCGCTACCAACAGAGCAAAGCCG
 CGGCCCTCAAGTCCAGCTCTGTGAGAAGGCGCCAAGGAAGCCACGGTTCATGTGCGAACAGTGCATGT
 CTTCTACTGCGACCTTGCCGTCTACGCTGCCACCCACCGAGGGTCCCCTAGCCAAACACCGTCTGGTG
 CCCCCGGCCAGGTCGGTAAGCCGACGGCTGAGCCCGCAAGGTCTCCACCTGCACAGACCAGCAGC
 TGGAGAACCACAGCATGTACTGTGTGCAATGCAAGATGCCGGTGTGTACCAGTGCCTGGAGGAGGGCAA
 AACTCCAGCCACGAAGTCAAGGCTTTGGGGGCTATGTGGAATTGCACAAGAGCCAGCTTTCCAGGCG
 CTGAATGGATTGTGAGTAGAGCCAAAGAAGCCAAAGGAGTTTCTGGTGCACCTCCGACCATGGTGAAC
 AAATCCAGGAAAACAGTGTGGAGTTTGAAGCTGCCTGGTGGCTCAGTGCATGCTCTCATTGATGCCCT
 AAACCGAAGGAAGGCTCAGCTGCTGGCCCGGTCAACAAGGAACATGAGCACAAGCTGAAGGTGGTCCGG
 GACCAGATCTCTCATTGCACAGTAAACTGCGCCAGACCAGGGCCTCATGGAGTACTGCTTGAAGTGA
 TTAAGGAGAACGACCCAGTGGCTTCTGCAGATTTTCAGATGCCCTCATCAGACGAGTTCACTTAACTGA
 GGACAGTGGGGAAAAGGCACACTCACTCCAGGATGACCACGGACTTCGACCTGAGCCTGGACAACAGT
 CCTCTGCTACAGTCCATCCACCAGCTGGACTTCGTGCAAGTGAAGCTTCTCTCCAGTCCAGCAACCC
 CCATCCTCCAGCTGGAGGAGTGTGCACCCACAACAACAGTGTACGCTGTCTGGAAACAGCCCTCT
 GTCCACTGTGGCCCGGATGGCTACATTCTGGAGCTGGATGATGGCAGTGGTGGTCCAGTTCGGGAAGTG
 TATGTTGGAAAAGAAACAATGTGCACAGTGGATGGCTTCACTTCAACAGCACATAACAACGCCCGGTTA
 AGGCCTTCAACAAAACAGGAGTCAAGCCCTACAGCAAGACTGGTCTCCAGACGCTGAGGTGGCGTG
 GTTTGCGTTTGACCCCGGCTCGGCACACTCTGACATCATCTTCTCCAATGACAACCTGACAGTGCATGC
 AGTAGCTACGATACCGGTTGGTGTGGGAAAAGTGGCTTCTCAAGGGCGTCCACTACTGGGAGCTGA
 CCATAGATCGCTATGACAACCACCTGATCCAGCATTGGCGTGGCTCGCATCGATGTGATGAAGGATAT
 GATGTTAGGAAAGGACGACAAGGCTTGGCAATGTATGTGGACAATAACCGGAGCTGGTTCATGCACAAC
 AACTCGCACACCAACAGAAGTGAAGGAGGGATCACAAAAGGGGCCACTATCGGGGTCTCTCGACTTAA
 ACAGAAAGACATTAACGTTTTTCGTCAACAATGAACAGCAAGGCCCATAGCCTTTGAGAATGTGGAGGG
 CCTGTTCTTCTGCCGTCAGCTGAACAGGAATGTACAGGTCACGCTTCACTGGGCTCCGGTCCCC
 GACTTCTACTCCAGCAGAGCTTCCATAGCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_130420

Insert Size: 2133 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:	<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_130420.1</u> , <u>NP_569104.1</u>
RefSeq Size:	3689 bp
RefSeq ORF:	2133 bp
Locus ID:	155812
UniProt ID:	<u>Q91ZY8</u>
Cytogenetics:	6q24
Gene Summary:	RING finger protein; may mediate synaptic vesicle exocytosis by controlling the availability of SNAP-25 [RGD, Feb 2006]