

Product datasheet for **MG225797**

Trim9 (NM_001110202) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim9 (NM_001110202) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Trim9
Synonyms:	AI835002; C030048G07Rik; mKIAA0282
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG225797 representing NM_001110202
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAAGAGATGGAAGAAGAGTTAAATGCCCTGTGTGGCTCCTTCTATCGGGAGCCCATCATCTTGC
 CCTGCTCTCACAATTTATGT CAGGCGTGCGCCCGCAACATCCTGGTGCAGACCCCGAGTCCGAGTCCCC
 CCAGAGCCCGCGGCTCGGGCTCTGGGTTTCTGACTATGATTATCTGGACCTGGACAAGATGAGCCTG
 TACAGCGAGGCGGACAGCGGCTATGGCTCTACGGAGTTTCGCCAGCGCCCCACTACCCCGTCCAGAG
 AGTCGCCAACGGCGTCCCGTTTTCCCCCTGCTATGCCGCCACCGCCACCCACTGTACCCGGCTTT
 GGCCCTGTGCCCGCAATTCCTGCATCACCTGCCCCAGTGCCACCGCAGCCTCATTCTGGATGACCGG
 GGGCTCCGCGTTTTCCCAAGAACCGCGTCTGGAAGGGTTCATCGACCGCTACCAACAGAGCAAAGCCG
 CGGCCCTCAAGTCCAGCTCTGCGAGAAGCGCCCAAGGAAGCCACGGTTCATGTGTGAACAGTGCATGT
 CTTCTACTGCGACCTTGCCGTCTGCGTGCACCCGCCCCGGGGTCCCCTAGCCAAACACCGTCTGGTG
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 TGGAGAACCACAGCATGTACTGCGTGCAATGCAAGATGCCCGTGTGTACCAGTGCCCTAGAGGAGGGCAA
 ACACTCCAGCCACGAAGTCAAGGCTTTGGGGGCTATGTGGAATTGCACAAGAGCCAGCTCTCCAGGCC
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 GGACAGTGGGGGAAGGGCACCTCACTCCAGGATGACCACAGACTTTGATCTGAGCCTGGACAACAGC
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 TTTTGAGACACAATCTGCATCCTACTCTCAATTAGTTGACATTAAGCTGTTGGCAGTGGCTTGGTTT
 GCTTTTGACCCCGCTCGGCCACTCCGACATCATCTTCTCCAATGACAACCTTGACAGTGCAGTGCAGTA
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 TTAGGGAAGGACGACAAAGCTTGGGCAATAACTGAAGGAGGGATCACAAAAGGGGCCACCATCGGGGTCC
 TCCTCGACTTAAACAGAAAGACATTAACGTTTTTCGTCAACAATGAACAGCAAGGCCCATAGCGTTTGA
 GAACGTGGAGGGCCTGTTCTTCCCTGCTGTCAGCCTGAACAGGAATGTGCAGGTCACGCTCCACACCGGG
 CTTCCGGTCCCGACTTCTACTCCAGCCGAGCTTCCATAGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG225797 representing NM_001110202
 Red=Cloning site Green=Tags(s)

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MEEMEEELKCPVCGSFYREPIILPCSHNLQACARNILVQTPESQPQRRASGSGVSDYDYLDDKMSL
YSEADSGYGSYGGFASAPTTPCQKSPNGVRVFPAMPPTTHLSPALAPVPRNSCITPCQCHRSLILDDR
GLRGFPKNRVLEGVDRYQQSKAAALKCQLCEKAPKEATVMCEQCDVFCPCRLRCHPPRGPLAKHRLV
PPAQGRVSRRLSPRKVSTCTDHELENHSMYCVQCKMPVCYQCLEEGKHSSHEVKALGAMWKLHKSLSQA
LNLGLSDRAKEAKEFLVQLRTMVQIQENSVEFEACLVAQCDALIDALNRRKAQLLARVNKEHEHKLKVV
DQISHCTVKLRQTTGLMEYCLEVIKENDPSGFLQISDALIRRVHLTEDQWKGKTLTPRMTTDFDLSL
DNSPLLQSIHQDLDFVQVKASSPVPATPILQLEECCTHNSATLSWKQPPLSTVAADGYILELDDGSGGQF
REVYVGKETMCTVDGLHFNSTYNARVKAFNKTGVSPYSKTLVLQTSEGCNFETQSASYSQLVDIKLLA
VAWF AFDPGSAHSDIIFSNLNLTVTCCSYDDRVLGKTGFSKGVHYWELTIDRYDNHPDPAFGVARID
VMDMM LGKDDKAWAITEGGITKGATIGVLLDLNRKLTFFVNNEQQGPIAFENVEGLFFPAVSLNRNV
QVTLHTG LPVPDFYSSRASIA
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TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001110202

ORF Size: 2142 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_001110202.1](#), [NP_001103672.1](#)

RefSeq Size: 4458 bp

RefSeq ORF: 2145 bp

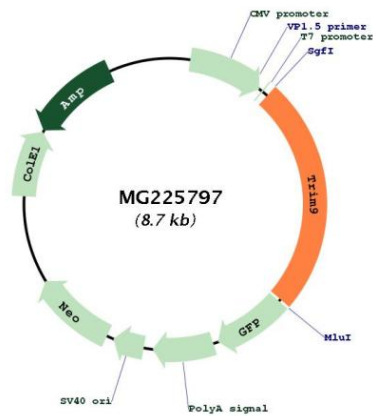
Locus ID: 94090

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]

Product images:



Circular map for MG225797