

Product datasheet for **MG218641**

Trim65 (NM_178802) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim65 (NM_178802) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Trim65
Synonyms:	4732463G12Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG218641 representing NM_178802
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGCTCAGTTGCTGGAGGAGACGTGGTGACTTGTCCATCTGCTTAGTTCGCTACCGGGACCCGG
 TGACGCTGCCCTGCGGGACAGCTTCTGCGGGAAGTGCATCCAGGATTCATGGCGTTCTCGGAAAAGTC
 GTGTCCGGAATGTCGCCAGCCCTTCCCCAGGGCGCCAAGCTGTCCCGCAACGTGAAGATGAGCACCTTG
 CTGACAGCGCTGCCCGTTCTGCCGGCGCCGCCCGGTGACTCCGCGCCGGGACTCCGCCACAAGCCACA
 GCGCTCGTGCCTGCGCCACGGGAGGCCGCTCGAGTTCTTGTGTCGACGGAGGGCTCTGCGTGTGACG
 CGCGTGCACGGTGCACGACTGCAGCCACCAGAGCGGGCGCTGCTGGACGTGGAGCGCCGCTGCGCGAG
 GACCAGCTGAGAGCGAGGGTACTGGTTACCCAGCAGCAGGTTGCCAGGCAGAGACCCAGCTTCAGGAGC
 TGCAGGAGCAACGCAGTCGGATTGAGAGTTCAGCTGCACCCTGGCTCGGTGGTCTCCAGGAGATTCAG
 TAGCCTGTTCAGGCGCTGGAGAAGCAGCAGGCCCTCAACTGAGTGATATAGAGGTAGCCAAGAAGCAG
 GCCTGGGCCAAGTTCTGAATGAGAAAACAGCGGCTGACTGACCACCTAAGGGCCCTGTCTCAGTATGATC
 AGAGTGTCCAGGATCTCCTGGCACAGGCGGATGACTGCATCTTCTCCAGGAATTACAGCAGCTCCCTGA
 GCCACAGAGTCCCTCGGGCCACTGACCTCTCCACAGTGAATGAAGAACAGCAGCTGAGCAACGTGAAC
 CAGCTGCTTAGCCCCCTGTGTGAGCTCCTCTTGAAGAGAAGAGCCTCCCCAAGGTGGCAGCCAAGGCTG
 CAGATGCTGGCCCTTTGGAGACCCTGGTCCCCGGCACCAAGTCCCAGCGCAGTGTGTCCACTGAGGAA
 GAAGCTCTGGCAGAATTATCGCAATCTGACCTTGAACCCAGAGACCGCCAACAGTATTTGCACTTGTCT
 CACAAGGACCAGCGGGTGACACACCATTCCAGGCCAGGGCCAGCCAAGTCCGGCAGCTTCGAGCTGT
 GGCAGGTGCAGTGTACCCAGAGTTTTGACTGGACAACATTACTGGGAGGTACGTGTCTGTGACTCTC
 TGTCACTCTGGGCGTCACCTACCCAAAGCTATCACGCCAAAAGCTGGGGACCCACACGGATAACATCGGC
 CGTGGACCCTGCTCCTGGGCTCTGCATCCAGGAGGACAGTATGCAGGCTGGCACAATGGCAAATCTC
 AGCGCCTGCGTGGATTGCCCGGACAACCTCTGGGCGTAGATTTGAACTTGACCTCTGGTGCCTCACCTT
 CTACAGCCTGGAGCCACGCACACAGCCGCTGCACACTTCTATGCAGTGTTCAGCCAGCCTCTCTCCCT
 GTCTTCTGGCTCCTTGGGGGAGGACCCTTACTCTGTGCCATCAGCCTGAGGCCACGCTCCCTGCAAGGC
 CCCAGGAAGAGGCCACAGCACCCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG218641 representing NM_178802
 Red=Cloning site Green=Tags(s)

MAAQLLEEDVVTCSICLGRYRDPVTLPCGHSFCGNCIQDSWRSCEKSCPECRQPFPEGAKLSRNVKMSTL
 LQALPVLPAVTPRRDSATSHSARCLRHGRPLEFFCRTEGLCVCSACTVHDCSHHERALLDVERRVRE
 DQLRARVLTQQVAQAETQLQELQEQRSRIESSACTLASVVSRRFSSLLQALEKQQASTLSDIEVAKKQ
 ALGQVLNEKQRLTDHLRALSQYDQSVQDLLAQADDICIFFQELQQLPEPTESLGPLTSPQWNEEQQLSNVN
 QLLSPLCELLLEEKSLPKVAAKAADAGPLETLGPLAPVPSAVCPLRKKLWQNYRNLTFDPETANQYLHLS
 HKDQRVTHHFQAQGPAKSGSFELWQVQCTQSFQTGQHYWEVRVSDHSVTLGVTPKLSRQKLGHTDNIIG
 RGPCSWGLCIQEDSMQAWHNGKSQRLRGLPGQLLGVDLNLTSGCLTFYSLEPRTQPLHTFYAVFSQPLFP
 VFLLLEGRTLTLCHQPEATLPAQPQEEATAPS

TRTRPLE - GFP Tag - V

Chromatograms:

https://cdn.origene.com/chromatograms/ja1740_e12.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_178802

ORF Size: 1566 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

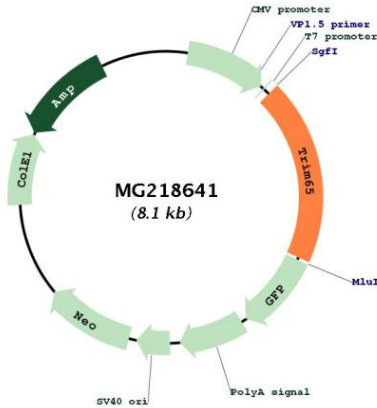
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_178802.4, NP_848917.2](#)
 RefSeq Size: 3050 bp
 RefSeq ORF: 1569 bp
 Locus ID: 338364
 UniProt ID: [Q8BFW4](#)
 Cytogenetics: 11 E2

Product images:



Circular map for MG218641