

Product datasheet for **MG202780**

Tm2d3 (BC024620) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tm2d3 (BC024620) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tm2d3
Synonyms: 1110025I09Rik; 5930422O05Rik; Blp2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG202780 representing BC024620
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGCTGCGGCCGAGCCGCTGCGGTCTGTCCGCCACCTGTCCCGGTGCTGCTTTTCCTGTCCCAGT
 GCTACATTCTGTCGGGAGATGAGAATCAGCTGTTCTCACCTCACAGAAAGTACTGAAATCCCTCCTTA
 CATGACGAAGTGCCAAGCAATGGTTTGTGTAGCAGACTTCTGCAGACTGTATAGAATGTGCGACCAAT
 GTCTCTGCACTTACGGGAAGCCTGTCAGTTCGACTGCACAGTGAAGCCCTCTGTTACCTGTGTGCATC
 AAGACCTCAAACCCAGAGGAACCTCGTCATCAACATGACTTGCAGGTTTGTGCTGGCAGCTTCTGAAAC
 AGACTACGAGTGTCAAATCCACCACCTGCATGACCGTGGCTTGCCTCGGCAGCGCTATTTGCGCAAC
 TGCACCGTGCCTGACCACATTCCTGCCTGGGCAACCGGACTTTCCCTAAGCTGCTGTAAGCAACTGGA
 CAGGTGGCTACAAGTGGTCGACAGCCCTGGCTCTCAGCATCACCTTGGGGGTTTGGAGCCGATCGCTT
 CTACCTGGGCCAGTGGCGAGAAGCCTCGCAAGCTTTCAGCTTGGCGGCCTGGGAATATGGACCCTA
 ATCGATGTCTTGCTGATTGGAGTTGGCTATGTGGGACCAGCGGATGGCTCTTTGTACATT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG202780 representing BC024620
Red=Cloning site Green=Tags(s)

MEAAAELRSVRHLRVLLFLSQCYILSGDENQLFSLHTESTEIPPYMTKCPSNGLCSRLPADCIECATN
 VSCTYGKPVTFDCTVKPSVTCVDQLKQRFVFNMTCRFCWQLPETDYECNSSTTCMTVACPRQRYFAN
 CTVRDHIHCLGNRTFPKLLYCNWTTGGYKSTALALSITLGGFGADRFYLGQWREGLGKLFSGGLGIWTL
 IDVLLIGVGYVGPADGSLYI

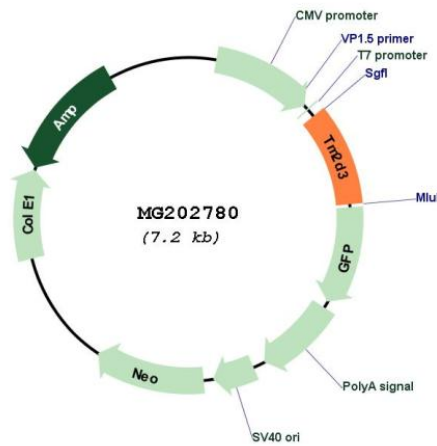
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC024620

ORF Size: 692 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:	<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:	BC024620 , AAH24620
RefSeq Size:	866 bp
RefSeq ORF:	692 bp
Locus ID:	68634
Cytogenetics:	7 C