

Product datasheet for **MG218551**

Teddm1a (NM_178244) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Teddm1a (NM_178244) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Teddm1a
Synonyms:	e9-1; Epdd1; Teddm1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG218551 representing NM_178244 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGAGACTTTATTGGCCATATCTCCAGGCTTGTCTGGTCTTCTATGGTCTGTATCAAGCAGTAA
TAGTCTCCAGAGCTGTGATATTCATGACTCTTCTGTATCCTTCTACCTTTCCAAGAATAAGGGGAA
ATGGGCCCGGCTGTGGAAATAGCCCATGCAGGCTGGTGAAGGTTGTATTGGCTCCCTTTGATCGTT
TATGAGATCAGTTGTGTTAAAGAAGGGCTGACATTAATGACCAAAGGGTGCACCAAGGTTTATGTACC
CCAAGGAGTGGCAGCACCTCACCATGTTCTTCTCACCTTGATGGCTGTGTAGAAATGGTGTAGCAA
GAACGTGCTACGGCAGAGGTGTGTGCTCCTAGAAAGAGGTGCCACGGTCTGGGTGTCTACGTGCTGCTC
CTGCTGCTAGTGTCTCACGTTAAAGAATCATCTGGGGTGGAGCTGCAGGTTCACTCTCTCCTCATCTTGG
TGGTGTTCCTGCTGATGCTGGTGTGACGGCAGAGCTCTGGGCTCCTGAGATGTTTACCTCTGGATGAT
AGAGACCTTCTGATCCTGATAATGGGCTCGTGGCTGATTCAGGCAGCCTTCACTCTTTAGACCAGTC
TCTGGCTCCCATGGGAGGATGATGACATCAGTGACATCATGTTTGTACCACCTTCTTCTGCTGGCATG
TGATGATCAATGCCTTATGCATGTTGGGAATCTATGGTGTCTCTCCTTTTGGCACCGTTGTTACAGTCC
CAGCTTGAGGCCGATGGGGTCCAAGGAAGCGCTGTATCAGGAGAGCTCTCAGGAACCTTCTACAAGCTG
CTGCAGGAGGCAGAGCAGCAGGACAAAGATGACCAGGCTCCTCTCCTTTCAAAGATCTCTCCTGTGACC
GGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG218551 representing NM_178244
Red=Cloning site Green=Tags(s)

MGDFIGHISPGLFLVFGYLYQAVIVSRVIFNDSLLYPSYLSKNKGKWARLWKIAHAGWLKVVIGSLLIV
 YEISCVKEGLTLMTKGVPPRFMYPKWQHLTMFFLLTLDGCVEMVSKNVLQRQCVLLERGATVVGYYVLL
 LLLVSHVKESGVELQVHSLILVVFLLMLVLTAELWAPEMFHLWMIETFLILIMGSWLIQAAILFRPV
 SGFPWEDDDISDIMFVTTFFCWHVMINALCMLGIYGVSSFVHRCYSPSLRPMGSKEALYQESSSGTFYKL
 LQEAQQDKDDQAPLLSKISPCDRA

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_178244

ORF Size: 915 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_178244.2](#)

RefSeq Size: 1415 bp

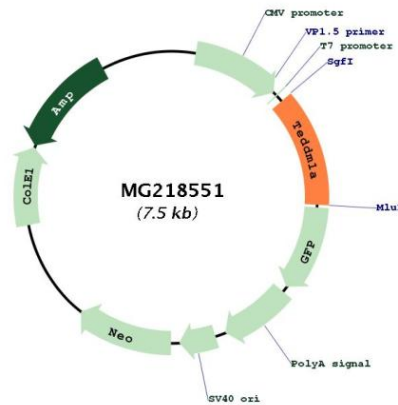
RefSeq ORF: 918 bp

Locus ID: 240819

UniProt ID: [Q810U2](#)

Cytogenetics: 1 G3

Product images:



Circular map for MG218551