

Product datasheet for **MC208111**

Tmigd3 (NM_027025) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmigd3 (NM_027025) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmigd3
Synonyms: 1700001d09rik; 4930578J19Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208111 representing NM_027025
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGTTCCTCCTCTCTCCTTGGCTCTCTTTCCGATGCCATGGTCATGGATGAAAAGGTGAAAT
CAGGTGTTGAGCTGGAGACAGCTTCTGCAGTCTGTGTCTATGATGCCTACTACAAGGACCACACCAAGTA
CTGGTGCCGTGGCTACTTCAGGGACTCGTGCAACATTATTGCCTCACCCCTAATAGCACCAACCGTGTG
GCCCTGAAGGATACAGGAAACCAACTATTACTATATCCTGCCTGGTCAAGGAGGACACAGGCTGGT
ACTGGTGTGGTATCCAGCGGGACTTGGCCAGAGATGACATGGATTTTACACAGCTGATTGTGACTGACAA
TAGAGAAGACCGGCCAATGGCTTTTCTGACCCCTCAGGCAATAGGACCCGGAGCTGTAGGGCTTCC
AAAGCTGTCCAAAAGGCAGAGGGCTCCCGAATGTCCATTCTGATCATTGTATACTGATTACCAAGTTTGG
GGATCATCTTTATAATCAGTCACTTGTCCAGAGGAAGGCGAAGCCAAAGAAATAGAGAAGTTACTGGCAA
AAGCATCAGTAGAAACCCACAAGCAAGCAAGGCCCGTCTATGGTCTCCATAACTTTGGCAAGGATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027025
Insert Size: 630 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).



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| 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_027025.4</u> , <u>NP_081301.2</u> |
| RefSeq Size: | 957 bp |
| RefSeq ORF: | 630 bp |
| Locus ID: | 69296 |
| UniProt ID: | <u>G3X8R9</u> |
| Cytogenetics: | 3 |
| Gene Summary: | <p>This gene encodes a transmembrane and immunoglobulin domain-containing protein. Alternative splicing results in multiple transcript variants, one of which shares its 3' terminal exon with that of the overlapping adenosine A3 receptor gene (GenelD:11542). [provided by RefSeq, Nov 2014]</p> <p>Transcript Variant: This variant (2) encodes the longer isoform (2), which is a transmembrane and immunoglobulin domain-containing protein and it does not share any similarity with the adenosine A3 receptor.</p> |