

# Product datasheet for MR227580L4

## Tmigd3 (NM\_027025) Mouse Tagged Lenti ORF Clone

## **Product data:**

Tag:

Vector:

**Cloning Scheme:** 

#### **Product Type: Expression Plasmids Product Name:** Tmigd3 (NM\_027025) Mouse Tagged Lenti ORF Clone mGFP Symbol: Tmigd3 1700001d09rik; 4930578J19Rik Synonyms: **Mammalian Cell** Puromycin Selection: pLenti-C-mGFP-P2A-Puro (PS100093) E. coli Selection: Chloramphenicol (34 ug/mL) The ORF insert of this clone is exactly the same as(MR227580). **ORF** Nucleotide Sequence: **Restriction Sites:** Sgfl-Mlul

Cloning sites used for ORF Shuttling: ORF Sqf I Mlu I --- GCG ATC GC C ATG --- //--- NNN ACG CGT ---Kozak EcoR I BamH I RBS Sgfl ORF CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGC C ATG mGFP Tag Mlu I Notl Xhol ···· ··· ··· NNN ACE CET ACE CEE CEE CTC GAE ATE AEC GEE GEC

GGA CTC AGA GTT TGG GTA GGA AGC G L R V

\* The last codon before the Stop codon of the ORF

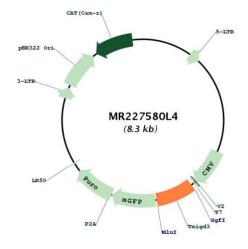
## OriGene Technologies, Inc.

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### Plasmid Map:



ACCN:	NM_027025
ORF Size:	627 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. <u>More info</u>
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> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
RefSeq:	<u>NM 027025.3, NP 081301.2</u>
RefSeq Size:	927 bp
RefSeq ORF:	630 bp

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	Tmigd3 (NM_027025) Mouse Tagged Lenti ORF Clone – MR227580L4
Locus ID:	69296
UniProt ID:	<u>G3X8R9</u>
Cytogenetics:	3
Gene Summary:	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 (GeneID:11542). [provided by RefSeq, Nov 2014]

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