

## Product datasheet for **RC236305**

### TMIGD3 (NM\_001302680) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TMIGD3 (NM\_001302680) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** TMIGD3  
**Synonyms:** AD026  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC236305 representing NM\_001302680  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAAGGGTCTCCAGCAGGACCCATTGAGCAGAAGGAGGCCAGGTGGGAAAGCTCCTGGGAAGAGCAGC  
CAGACTGGACACTGGGCTGCTTGAGTCTGAGTCACACACCAATCATGTGGCCCTGAGGGACACAGGGAA  
CCAGCTCATTGCTACTATGTCCTGCCTGACCAAAGAGGACACGGGCTGGTACTGGTGTGGCATCCAGCGG  
GACTTTGCCAGGGATGACATGGATTTTACAGAGCTGATTGTAAGTACGACAAAGGAACCCCTGGCCAATG  
ACTTTTGGTCTGGGAAAGACCTATCAGGCAACAAAACAGAAAGCTGCAAGGCTCCCAAAGTTGTCCGCAA  
GGCTGACCGCTCCAGGACGTCCATTCTCATCTTGCATACTGATCACGGGTTTGGGAATCATCTCTGTA  
ATCAGTCAATTTGACCAAAGGAGGAGAAGTCAAAGGAATAGAAGGGTAGGCAACACTTTGAAGCCCTTCT  
CGCGTGTCTGACTCAAAGGAAATGGCTCCTACTGAACAGATG

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC236305 representing NM\_001302680  
Red=Cloning site Green=Tags(s)

MEGSPAGPIEQKEARWESSWEEQPDWTLGCLSPESHTNHVALRDTGNQLIVTMSCLTKEDTGWYWCIGIQR  
DFARDDMDFTTELIVTDDKGTLANDFWSGKDLSGNKTRSCAPKVVRKADRSRTSILIIICILITGLGIISV  
ISHLTKRRRSQRNRRVGNLTKPFSRVLTPKEMAPTEQM

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001302680.1</a></u> , <u><a href="#">NP_001289609.1</a></u>
<b>RefSeq Size:</b>	949 bp
<b>RefSeq ORF:</b>	537 bp
<b>Locus ID:</b>	57413
<b>UniProt ID:</b>	<u><a href="#">P33765</a></u>
<b>Cytogenetics:</b>	1p13.2
<b>MW:</b>	20.6 kDa
<b>Gene Summary:</b>	This gene encodes a transmembrane and immunoglobulin domain-containing protein. Alternative splicing results in multiple transcript variants, one of which shares its 5' terminal exon with that of the overlapping adenosine A3 receptor gene (GenelD:140), thus resulting in a fusion product. [provided by RefSeq, Nov 2014]