

## Product datasheet for **MG206131**

### Golm1 (NM\_027307) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Golm1 (NM_027307) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Golm1
Synonyms:	2310001L02Rik; AW125446; D030064E01Rik; Golph2; GP73; PSEC0257
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206131 representing NM_027307 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATGGGATTGGGGAATGGGCGTCGCAGCATGAAGTCTCCGCCCTTATCCTGGCTGCCCTGGTGGCCT  
GTGTTATTGTGCTAGACTTCAACTACTGGATTGCTAGCTCGAGAAGCGCGGAACCTCAGACGCGCATTGT  
AGAGCTGGAAGGCCGGTCCGCAGGGCGGCTGCAGAGAGAGGTGCTGTAGAGCTCAAGAAGAATGAGTTC  
CAGGGCGAGCTGCAGAAGCAGAGAGAGCAACTTGACAGGATCCAGTCTAGCCACAGCTTCCAGCTGGAGA  
ATGTCAACAAGCTACACCAGGATGAGAAGCGGTTTTAGTGAATAACATCACACAGGCGAGAAGCTCAT  
TCGAGACCTGCAAGACCAGTTGAAGGCACTGCAGAGGAGTTACAGCAGCCTGCAGCAGGATATCTTCCAA  
TTCCAGAAGAACCAGACCAGCCTGGAGAAGAAGTTCTCCTATGACCTGAACCAAGTGTATCAGCCAGATGA  
CCGAGGTGAAGGAACAGTGTGACGAGCGGATAGAGGAGGTATCAGAAAGCGAAACGAAGCACCGGGTTC  
CAGAGACCTGGCTGAAACCAACAACCAACATCAGCAGGCCCTCAAGCCTCAGCCCAAGCTTCAGGAAGAA  
GTCCCATCAGAGGAACAGATGCCACAAGAGAAAGGGGATGTGCCAGAAACAAGTCCAGATTCCAGCCC  
CCAATTCAGAGAGCTTGGCTTGAAGCCACAGGTGCAGAAATGAGGAAACCGATGAGATTCAGGCTGTCGG  
TGAGGAGCACCAACAGGCATCCATCCAAGGCGAGCGGTGGCGGATGGCACTCGGTAGGAGCTGAGAAA  
CTCGATCAGCACACAGCTACCAGCTGGCCTGTTGCCAGGCCTGAGGAGGACTCTCAGTACCCCTGAGC  
GGGAGCAGCTTGTCATCCGGGATAGGCAGGAGCAGCAGCGTGCATCAGAGGAAGGGGAGGCCAGAAGAA  
CCCAGGAGATGAATACGACATGGATGAAAACGAAGCAGAATCTGAGAGGAGAAGCAGGCAGCCCTTGCA  
GGGAATGACAGAAATATAAATGTTCTTAATGCTGACGCTCAGAAGAGAGGCATAATAAATGTGCCGCTGC  
GGAGTGAAGGCAGAGCCACATTCTAAATCAAGTAGGCATTTCATATTCTCAACAAGCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG206131 representing NM\_027307  
 Red=Cloning site Green=Tags(s)

MMGLGNGRRSMKSPPLILAALVACVIVLDFNYWIASRRAELQTRIVELEGRVRRAAAERGAVELKKNEF  
 QGELQKQREQLDRIQSSHSFQLENVKNLHQDEKAVLVNNITTEKLIIRDLDQDLKALQRSYSSLQQDIFQ  
 FQKNQTSLEKKFSYDLNQCSIQMTEVKEQCDEIEEVIRKRNEAPGSRDLAETNNQHQQALKPQPKLQEE  
 VPSEEQMPQEKGDVPRNKSQIPAPNSELGLKPQVQNEETDEIQAVGEEHQQASIQGQAVADGTRVGAEK  
 LDQHTQLPAGLLARPEEDSQYPERQLVIRDRQEQQRASEE GGGQKNPGDEYDMDENEAESEREKQAAALA  
 GNRNINVLNADAQKRGIIINVPGSERQSHILNQVGIHIPQQA

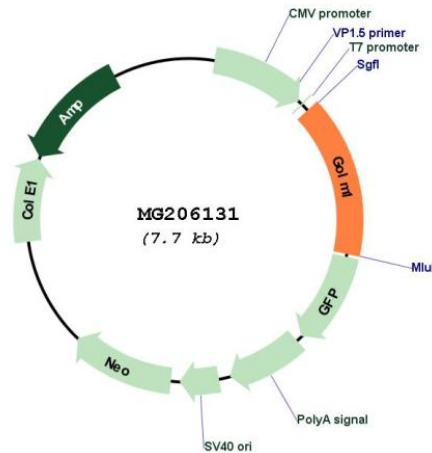
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_027307

<b>ORF Size:</b>	1179 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_027307.2</a>
<b>RefSeq Size:</b>	3693 bp
<b>RefSeq ORF:</b>	1182 bp
<b>Locus ID:</b>	105348
<b>UniProt ID:</b>	<a href="#">Q91XA2</a>
<b>Cytogenetics:</b>	13 B2
<b>Gene Summary:</b>	Unknown. Cellular response protein to viral infection (By similarity).[UniProtKB/Swiss-Prot Function]