

## Product datasheet for **MR206131**

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

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Golm1 (NM_027307) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Golm1
Synonyms:	2310001L02Rik; AW125446; D030064E01Rik; Golph2; GP73; PSEC0257
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206131 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATGGGATTGGGGAATGGGCGTCGCAGCATGAAGTCTCCGCCCTTATCCTGGCTGCCCTGGTGGCCT  
GTGTTATTGTGCTAGACTTCAACTACTGGATTGCTAGCTCGAGAAGCGCGGAACCTCAGACGCGCATTGT  
AGAGCTGGAAGGCCGGTCCGCAGGGCGGCTGCAGAGAGAGGTGCTGTAGAGCTCAAGAAGAATGAGTTC  
CAGGGCGAGCTGCAGAAGCAGAGAGAGCAACTTGACAGGATCCAGTCTAGCCACAGCTTCCAGCTGGAGA  
ATGTCAACAAGCTACACCAGGATGAGAAGCGGTTTTAGTGAATAACATCACACAGGCGAGAAGCTCAT  
TCGAGACCTGCAAGACCAGTTGAAGGCACTGCAGAGGAGTTACAGCAGCCTGCAGCAGGATATCTTCCAA  
TTCCAGAAGAACCAGACCAGCCTGGAGAAGAAGTTCTCCTATGACCTGAACCAAGTATCAGCCAGATGA  
CCGAGGTGAAGGAACAGTGTGACGAGCGGATAGAGGAGGTATCAGAAAGCGAAACGAAGCACCGGGTTC  
CAGAGACCTGGCTGAAACCAACAACCAACATCAGCAGGCCCTCAAGCCTCAGCCCAAGCTTCAGGAAGAA  
GTCCCATCAGAGGAACAGATGCCACAAGAGAAAGGGATGTGCCAGAAACAAGTCCAGATTCCAGCCC  
CCAATTCAGAGAGCTTGGCTTGAAGCCACAGGTGCAGAAATGAGGAAACCGATGAGATTCAGGCTGTCGG  
TGAGGAGCACCAACAGGCATCCATCCAAGGCGAGCGGTGGCGGATGGCACTCGGTAGGAGCTGAGAAA  
CTCGATCAGCACACAGCTACCAGCTGGCCTGTTGCCAGGCCTGAGGAGGACTCTCAGTACCCCTGAGC  
GGGAGCAGCTTGTCATCCGGGATAGGCAGGAGCAGCAGCGTGCATCAGAGGAAGGGGAGGCCAGAAGAA  
CCCAGGAGATGAATACGACATGGATGAAAACGAAGCAGAATCTGAGAGGAGAAGCAGGCAGCCCTTGCA  
GGGAATGACAGAAATATAAATGTTCTTAATGCTGACGCTCAGAAGAGAGGCATAATAAATGTGCCGTCG  
GGAGTGAAGGCAGAGCCACATTCTAAATCAAGTAGGCATTTCATATTCCTCAACAAGCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >MR206131 protein sequence  
Red=Cloning site Green=Tags(s)

MMGLGNGRRSMKSPPLILAALVACVIVLDFNYWIASRSDELQTRIVELEGRVRRAAAERGAVELKKNEF  
 QGELQKQREQLDRIQSSHSFQLENVNLHQDEKAVLVNNITTEKLIIRDLDQDLKALQRSYSSLQQDIFQ  
 FQKNQTSLEKKFSYDLNQCISQMTVEVKEQCDEIEEVIRKRNEAPGSRDLAETNNQHQQALKPQPKLQEE  
 VPSEEQMPQEKGDVPRNKSQIPAPNSESLGLKPQVQNEETDEIQAVGEEHQQASIQGQAVADGTRVGAEK  
 LDQHTQLPAGLLARPEEDSQYPERQLVIRDRQEQQRASEEGGGQKNPGDEYMDENEAESEREKQAAALA  
 GNDRNINVLNADAQKRGIIINVPVGSERQSHILNQVGIHIPQQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



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

**ACCN:** NM\_027307

**ORF Size:** 1182 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\\_027307.2](#)

**RefSeq Size:** 3693 bp

**RefSeq ORF:** 1182 bp

**Locus ID:** 105348

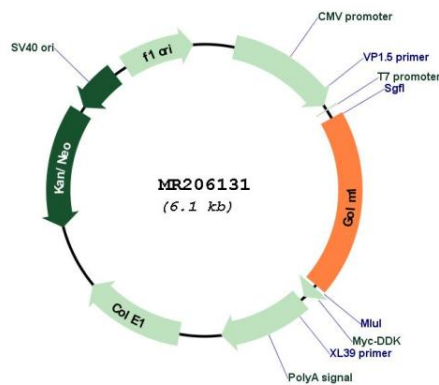
**UniProt ID:** [Q91XA2](#)

**Cytogenetics:** 13 B2

**MW:** 44.4 kDa

**Gene Summary:** Unknown. Cellular response protein to viral infection (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR206131