

## Product datasheet for **MR208675**

### Gns (NM\_029364) Mouse Tagged ORF Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                          |
| Product Name:             | Gns (NM_029364) Mouse Tagged ORF Clone       |
| Tag:                      | Myc-DDK                                      |
| Symbol:                   | Gns  |
| Synonyms:                 | 2610016K11Rik; AU042285; C87209; G6S; N28088 |
| Mammalian Cell Selection: | Neomycin                                     |
| Vector:                   | pCMV6-Entry (PS100001)                       |
| E. coli Selection:        | Kanamycin (25 ug/mL)                         |



[View online »](#)

**ORF Nucleotide Sequence:**

>MR208675 representing NM\_029364  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCGGCTCCCTTCGGCAGCCGGCCCCGGCCGGCCGTCGCCCGCCCTGCCGGCGCTGCTGCTGCTGC  
 CGCTGCTGGGAGGCTGCCTGGGGCTCGTGGGGCGGCTCGCAGGCCCAAGTGCTGCTGCTGCTCACCGA  
 CGACCAGGACGCGGAGCTCGGCGCATGACGCCACTGAAGAAAACCAAGCCCTCATCGGAGAGAAGGGG  
 ATGACTTTCTCTAGCGCCTATGTGCCAGTGCTCTTTGCTGCCCCAGCAGAGCCAGCATCCTGACTGGAA  
 AGTACCCCAACAACCACACGTCGTAAACAACACTTTGGAAGGGAAGTGCAGTAGCAAGGCTGGCAGAA  
 GATCCAGGAGCCGTACACCTTCCCGCCATCCTCAAGTCGGTGTGCGGCTATCAGACCTTTTTTGTGGG  
 AAGTATTTAAACGAGTATGGAGCCCCAGACGAGCGGACTGGAGCACATCCCCCTGGGCTGGAGTTACT  
 GGTATGCCCTGGAAAAGAATTCTAAATACTATAACTACACCTCTCCATCAACGGGAAGGCACGGAAGCA  
 CGCGGAGAACTACAGCGTGGACTACCTGACAGATGTTCTGGCCAACTCTCCCTGGACTTCTGGACTAC  
 AAGTCCAACTCTGAGCCATTCTTATGATGATCTCCACTCCAGCGCCCACTCACCGTGGACGGCTGCTC  
 CGCAGTACCAGAAGGCTTTCAGAATGTCATCGCACCAAGAAAACAAGAATTCAACATCCACGGGACGAA  
 CAAGCACTGGCTAATCAGGCAAGCCAAGACTCCCATGACGAACTCGTCAATACGGTTCTTAGATGACGCC  
 TTCAGGAGGAGGTGGCAAACCTGCTCTCAGTTGACGACCTTGTGGAGAACTGGTGAAGAGACTGGACT  
 CGACCGGAGAGCTGGACAACACGTATATCTTCTATACCTCAGACAACGGCTACCACACAGGGCAGTTCTC  
 TTTGCCAATAGACAAACGGCAGCTGTATGAGTTTGATATCAAAGTCCACTGTTGGTTTCGAGGGCCCGGC  
 ATCAAACCAACCAGACCAGCAAGATGCTGGTCTCAAACATCGACTTGGTCCCACCATCCTGGACTCG  
 CTGGCTATGACCTGAACAAGACACAGATGGATGGGATGTCCTGCTGCCATTCTGAAAGGAGAGAGAAA  
 CTTAACCTGGAGTCTCAGACGTGCTGGTGGAAATATCAAGGAGAAGGCCGGAATGTACCCGACCCGACCTGC  
 CCTTTCTTGAGTCTGGAGTGTCTCAATGTTTCCCGACTGTGTGTGTAAGACGCGTACAACAATACCT  
 ACGCCTGCGTGGGACACTGTCATCATTGTGGAACCTCCAGTACTGCGAGTTCGACGACCAGGAGGTATT  
 TGTGCAAGTCTACAATATCACTGCAGATCCAGACCAGATCACCAACATTGCCAAGAGTATAGACCCTGAG  
 CTTTTGGAAAGATGAATATCGTCTGATGCTGCAGTCTGTTCTGGGCCGACTGTCGCACTCCAG  
 GGGTCTTTGACCCTGGGTACAGTTTGACCTGCGTCTCATGTTCAACAGTACGGCAGCGTCAGAACGAG  
 AAGGTTCTCGAAGCATCCGCTC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208675 representing NM\_029364  
 Red=Cloning site Green=Tags(s)

MRLPSAAGPRPGRPRRLPALLLLPLLGGCLGLVGAARRPNVLLLLTDDQDAELGGMTPLKKTALIGEKG  
 MTFSSAYVPSALCCPSRASILTGKYPHNHVNNNTLEGNCSKAWQKIQEPYTFPAILKSVCGYQTF FAG  
 KYLNEYGAPDAGGLEHIPLGWSYWYALEKNSKYNYTSLINGKARKHGENYSVDYLDVLANLSLDFLDY  
 KSNSEPFMMISTPAPHSPWTAAPQYQKAFQNVIAPRNKNFNIHGTNKHWRIRQAKTPMTNSSIRFLDDA  
 FRRRWQTLVSVDDLVEKLVKRLDSTGELDNTYIFYTSDNGYHTGQFSLPIDKRQLYEFDIKVPLLVRGPG  
 IKPNQTSKMLVSNIDLGPTILDLAGYDLNKTQMDGMSLLPILKGDRLTWRSDVLVEYQGEGRNVDPTC  
 PSLSPGVSQCFPDCVCEDAYNNTYACVRTLSSLWNLQYCEFDQEVFVEVYNITADPDQITNIAKSIDPE  
 LLGKMNYRLMMLQSCSGPTCRTPGVFDPGYRFDLRLMFNSHGSVRTRRF SKHPL

**SGP**TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9015\\_e09.zip](https://cdn.origene.com/chromatograms/mm9015_e09.zip)

**Restriction Sites:**

Sgfl-RsrII

Cloning Scheme:



ACCN: NM\_029364

ORF Size: 1632 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\\_029364.4](#)

RefSeq Size: 3855 bp

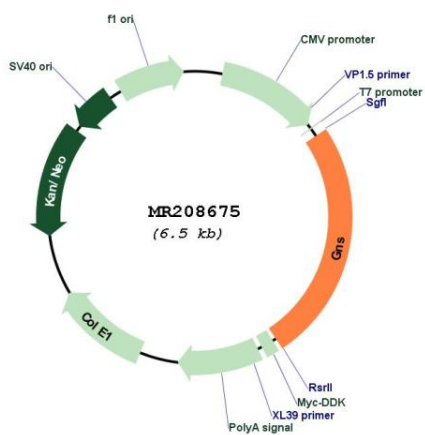
RefSeq ORF: 1635 bp

Locus ID: 75612

UniProt ID: [Q8BFR4](#)

Cytogenetics: 10 D2  
 MW: 61.6 kDa

**Product images:**



Circular map for MR208675