

Product datasheet for **RN202313**

Gns (NM_001011989) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gns (NM_001011989) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gns
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202313 representing NM_001011989
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGGCTCCCGTCCGACGTGGGCCCGGGCCGGGCTGTCCAGCCGCCTGCCCGCTGCTGCTACTGC
 CGCTGCTGAGCGGCTGCCTGGGGCTCGTGGGGCGGCTCGCAGGCCCAACGTGTTGCTGCTGCTCACGGA
 CGACCAGGACGCGGAGCTCGGGCCGATGACCCCACTAAAGAAAACCAAGGCCCTCATCGGAGAGAAGGGG
 ATGACTTTCTCCAGCGCTTATGTGCCAGTGCTCTGCTGCCAGCAGAGCCAGCATCCTGACTGGGA
 AGTACCACACAACCATCACGTCGCAACAACACTTTGGAGGGGAAGTGCAGTAGCAAGTCTGGCAGAA
 GATCCAGGAGCCATACACCTTCCAGCGATCCTTAAGTTGGTGTGCGGCTATCAAACCTTTTTGCTGGG
 AAGTATTTAAATGAGTATGGAGCCCAGATGCGGGTGGACTGGAGCACGTGCCTCTGGGCTGGAGTTACT
 GGTATGCCCTGGAAAAGATTCTAAATACTATAACTACACCCTCTCTATCAACGGGAAGGCACGCAGACA
 TGCGGAGAACTATAGCGTGGACTACCTGACAGACGTTCTGGCCAATCTCTCCCTGGACTTCTGGACTAC
 AAGTCCAACTCTGAGCCATTCTCATGATGATCTCCACTCCAGCGCCCACTCACCGTGGACAGCCGCAC
 CTCAGTACCAGAAGGCTTTCCCAATGTATCGCACCGAGAAAACAAGAATTTCAACATCCATGGGACGAA
 CAAGCACTGGTTAATTAGGCAAGCCAAGACTCCCATGACGAATTCCTCAATAAAGTTCTTAGATGACGCC
 TTCAGAAGGAGGTGGCAAACCTGCTCTCAGTTGACGATCTTGTGAAAAAAGTGGTGAAGAGATTGGACT
 CGACTGGTGAGCTGGACAACACGTACATCTTCTATACCTCAGACAATGGTACCATACAGGGCAGTTCTC
 TTTGCCAATAGACAAACGACAACCTCTATGAGTTGATATCAAAGTTCCACTGTTGGTTCGAGGGCCTGGG
 ATCAAACCAAACAGACAAGCAAGATGCTGGTCTCCAATATTGACTTGGGTCCCACCATCTGGACCTCG
 CTGGCTATGACCTGAACAAGACACAGATGGACGGGACATCCCTGCTGCCATCCGAAAAGGGGACGGTAA
 CTTAACCTGGAGGTCAGATGTCCTGGTGAATATCAAGGAGAAGGCCGTAATGTACCGACCCGACCTGC
 CCTTTTGTGAGTCTGGAGTGTCTCAATGTTTCCCGGACTGTGTGTGAGGACGCGTACAACAATACAT
 ATGCTTGTGTGAGGACTGTATCCATGTGGAACCTACAGTACTGTGAGTTCGACGACCCAGGAGGTATT
 TGTAGAAGTCTATAACATAACTGCAGATCCAGACCAGATCACCAACATTGCTAAGAGTATAGACCCCGAG
 CTTTTGGGAAAGATGAACATCGGCTGATGATGCTCCAGTCTGTTCCGGGCCAACCTGTCGCACTCCGG
 GGGCTTTGACCCTGGG**TAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001011989
- Insert Size:** 1560 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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_001011989.1, NP_001011989.1

RefSeq Size: 1770 bp

RefSeq ORF: 1560 bp

Locus ID: 299825

Cytogenetics: 7q22