

Product datasheet for **RN206086**

Ggn (NM_001013065) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ggn (NM_001013065) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ggn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206086 representing NM_001013065
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGACAGGGCTGTCCAAGAACAGCCTGAGCCGTGGAGTCTCACAGAACCCGCCGACTGACTGGT
 GAAGTTTCTTTAACCACAGTCCCGACCTTCTTCAAAAATGGGGAACGTGCAGTCGGAGCCGTCCGCGGG
 CGGGGTTCCCGAAAAGAGCAGGCCTCAGACCCGCGCTCGGACTCTCGTAGGACGCTCTGGTGGAGCCC
 GAGGTGACCCCTCATCCCTGCCATGCGCTGGCTCGAGGGCTGGGCGTCTGGTCCCTGGCAGTTCGG
 GGCCCCCGGGCTCTGATACCCCGGAGTCCCAGGCCTCATCTCAACCCTGCCCTGACCTTAGAACT
 GCCCTCGCAGTGACACCCCTCCAGAGGAGGCGGCTGCGGCGGGCTCTACACCACCCCGCTCCC
 GTGGGGACCTGTGCCGCCCATCTAAGTGGCGAAAACCCACGGGCACTGCAGTGCCTCGGATCCGG
 GTCTTCTGGAGGGAGCCATCGTGGTCAAGGTGACCTCCGAGCCTCCGCCCTCTCCACCCTGCCCG
 GCAACTGACCGAAAAGACCCGGTCTGAGGGCCAGCCACCTCCGACGCCCTGGAACCTCGGAAA
 CAGCTACCGCCAGCACCTCGACTTGTGACCCGACGCCCGAGCCGAGAACTACTCTGGCCTCGTCGG
 CCACAAGCCACAGAAAGCCAGGTCAGACACAGCAGCGAGGGTCAAGCGCCGGGGGAGCCACCGAGA
 GGGCGAAATGGCTCGGTCTGCTACTTCTGAGTCTGGCCTGAGTCTGCTGTGTAAGTACCTTCAAGTCG
 GGGCCCCATTTGTCCCCACATCTCTCGGGCCCTTAGCAGCCAAAGCCTCACTGGGGCCAGTGGT
 GCGGAGGACTGTTGCCTCTTCTGGGCCATCTTTATGCTGAGTACTGAAGCAAGGCCCCAGCCTCC
 TGGAGCCACTCGTCCCTTAGGAGAGGGCCCTCGTGCAGCTCAGGAAACCGAGGGTGGTGCAGGAGTGGT
 GAAGGGTGTCTGGTCCCTTCCGTGCTACTCCGCTTGCCCGGGCTCTACGCCACCCCTTACACCA
 CCTTCCCAGGTTCAAAGCCCAAATTCGACTGGGTGAGCCCTCTGATGGCACTGAACGGCACTTCCGATT
 CAATGGGGCTGTTGGGGGAATCGGGGCACCCCGACGGCGGACTACGCTCTCAGGGCCTTGGGGATCC
 CCTCCACCAAGGTCAGGTCAGACACATCCAAGTTCAGGGCCCGAAGGCCACACCTGCCTTGTGGCAC
 CACCCATGTTTCTTCCAGCGCCAAACAATGGCGAGCCTGTTCCGCCAGTGCCTCCAAGTCCGACGCA
 GATACCTCCGCTGCCACCGCCACCGCCACACCACCGCCAGCCAGCCACCAGCACCACCCACACCA
 CAGCCACCAGCACTCCCGAGGACCGGATACTGGTGGCCCGTCCGCTACCCAGGCCCTGGCCACTTAG
 AGTCAGCCTTGGTCCCACCCCTCCCTCACTTTGTCCCCGACTGCAGCTGCGGAGCAGGCCCCAGCCCC
 GACACCAGCCCCAGTACATCCCAAGTTCAGCAACCACCACCGTGCAGTGTACCCCCGATGCCCGAG
 CCCAAGATTCGTACACGCAGGAACAAGGTCCTCCGAGCGGCCCGGGTGTATCCGTGAAGAAGGGACTT
 CTGGAGATGGCCCTCGAGAACCGAATATGGCTCCGGTACTGACAGCAGCAGTGGAGGGGTGGCGGTGG
 TAGCAACGGAACCTCCACAGCTGGGGCCTTAACAAGGGAACAGCTCGCACTGGCCGCTTTCCAGGTG
 CTTAACTCTGTCCCTGCAAGTGTACTGCCGCCATCAACGCCGTACCGACGTCTGCCACGCAACGTGT
 CTGCCTGGCTGAGTACACCCACCAACCCTGAGTGCAGCCACTTGGGTGGCCACCGTCAAGCTGGCTGG
 CTCCTGGTAGCTGGCCTAGAGCACTACGACTTGCAGGCCACTCATTCTACCT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001013065
- Insert Size:** 2085 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_001013065.1](#), [NP_001013083.2](#)

RefSeq Size: 2436 bp

RefSeq ORF: 2085 bp

Locus ID: 292765

UniProt ID: [Q66HC8](#)

Cytogenetics: 1q21

Gene Summary: May be involved in spermatogenesis.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).