

Product datasheet for **MC220933**

Ggn (NM_182694) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ggn (NM_182694) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ggn
Synonyms:	A1593290
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220933 representing NM_182694
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGACAGGGCAGTCCAAGAACAGCCTGAGCCGTGGAGTCCCGCAGAACCCGCCGACTGACTGGT
 AAAGTTTTTTAAACCACAGTCCCGACCTTCTCAAAAAATGGGGAACGTGCAGTCGGAGCCGTCCGCGGG
 CGGGGTTCCCGAAAAGAGCAGGCCCTCAGACCGCGCCTCCGACTCCCGCAGGACGCCCTAGTGGAGCCC
 GAGGTGACCCCTCATCCCTGCCATGCGCCTGGCTCGAGGGCTGGGCGTCTGGTCCCTGGCAGTTCGG
 GGCCCCGGGACTCCTGATACCCCGGAGCCCCAGGCCTCATCTCGCCCTGCCCTGACCTTAGAACT
 GCCCTCGCAGTGACACCCCTCCAGAGGAGGGCGGCTGCGGTCTCCACACCACCCCGCCCCCGTGGGG
 ACCCTGCTGCCTGCGCCATCTAAGTGGCGAAAACCCACGGGCACTTCAGTGCCTCGGATCCGCGGTCTT
 TGGAGGCGAGCCATCGTGGTCAGGGTGACCTCCAAGCCTCCGCCGCTGCCACCCTGCCCGGCAACT
 GACCGAAAAGACCCGGTCTGAGGGCCCCAGCCCCACCTCCGACGCCCTGGAACCTCGGAAACAATA
 CGCCAGCACCATCAACTTGCATCCGACGCCCTGAGCCGAGAAATCACTCTGGCTCGTCGGCCACAA
 GCCCACAGAAAGTCAGGTCAGACACAGCAGCGAGGGTCAAGCGGCCGGGGAGCCACGGAGGGGTACC
 TCCCAAGCTGGAGAGGGCGAAATGGCTCGGTCTGCTACTTCCGAGTCTGGCCTGAGTCTGCTGTGTA
 GTCACCTTCAAGTCGGGGCCCCATTTGTCCCCACATCGGCCTCGGGTCCCTTAGCAGCCAAAGCCTCAC
 CCGGGGCCGTGGTGGCGGACTGTTTGCCTCTTCTGGGGCATCTCTATGCTGAGGTCTGAAGCAAGG
 GCCCAACCTCCTGGAGCCACTCGTCCCTGGGAGAGTCCCTCCTGGAGCCACTCGTCCCTGGGAGAG
 GTCCCTCGTGCAGCTCAGGAAACCGAGGGTGGTGAAGGAGATGGGAAGGGTGTCTGTCCCTTCGG
 TGCTGCTCCCTTGGCCGGCTCTACCGCCGCCCTTACACCACCTTCCAGGTTCAAAGCCCAATT
 CGACTGGGTGAGCCCTCCTGATGGCACTGAACGGCATTTCGATTCAATGGGGCTGTGGGGGAATCGGG
 GCACCCGACGGCGCACGACCACGCTCTCAGGGCCTTGGGGATCCCTCCACCCAGGTCAGGTCAGACAC
 ATCCATCTCAGGGCCTCGGAGGCCACACCTGCCTTGTGGCACCACCCATGTTATCTTCCAGCGCC
 AAACAATGGCGAGCCTGTTGCGCCAGTGCCTCAAAGTCCACAGCAGATACCTCCTCTGCCGCCACCACCA
 CCCACGCCACCAGCCACGCCACCACCGGCCACCACCCACACCACAGCCACCAGCGCTCCCAAGGACGC
 CGATACTGGTGGCCCGTCCGCCGACCCAGGCCCTGGCCACTTAGAGTCAGCCTTGGCTCCACCCCTCC
 CTCACCTTTATCCCAACTGCAGCTGCCGACCAGTCCCAGCTGCAACTCCAGCCACAGTCACATCCAA
 GTTCCAGCAACCGCCACCCTGAGCTGTACCGCCAATGCCCAACCCAAAGACTCGTACAGCGAGGAACA
 AAGGTCCCGAGCGGCCCGGGTGTATCCGTGAAGAAGGGACTTCTGGAGATGGCCTCGAGAACCGAA
 TACGGCTCCGGTACTGACAGCAGCAGTGGAGGGGTGGCGGTGGTAGCAACGGAACCTCCACAGCTGGG
 GCCTCTAAACAAGGGAACAGCAAGGCACTGGCCGCCTTTCGAGGTGCTTAATTCTGTCCCTGCAAGTGT
 ACTGCCGCCATCAACGTGTCACCGTCCGCTGCCACGCAACGTGTCTGCCTGGCTGAGCACACCTACCAA
 CCACCTGAGCGAGCCACCGTGGGTGGCCACTGTCAAGCTGGCTGGCTCCCTAGTAGCGGGCTGGAGCAC
 TACGACTTGCAGGCCACCCATTCTACC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_182694

Insert Size: 2130 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:	<ol style="list-style-type: none">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:	<u>NM_182694.2</u> , <u>NP_874353.2</u>
RefSeq Size:	2653 bp
RefSeq ORF:	2130 bp
Locus ID:	243897
UniProt ID:	<u>Q80WJ1</u>
Cytogenetics:	7 B1
Gene Summary:	May be involved in spermatogenesis.[UniProtKB/Swiss-Prot Function]