

## Product datasheet for **RN201675**

### **Gsn (NM\_001004080) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gsn (NM_001004080) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gsn
Synonyms:	MGC95032
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN201675 representing NM\_001004080  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTCCGTATTGCTCCTCGTGCCTCTGCGTCTGCTCCTGGCGTGTGCGCACTGTCCGCGTCCC  
 ATGCAGCCACCGCATCGCGGGCAGGGCCCAAGAGAGGGCGCCCAAGTCGGGTGTCTGAGACCGGGCC  
 CAGCACCATGGTGGTGGAGCACCCGAATTCCTGAAGGCAGGAAAGGAGCCTGGCCTGCAGATCTGGCGT  
 GTGGAGAAGTTTGACCTGGTGCCTGTGCCCCCAACCTCTATGGAGACTTCTTACGGGTGACGCCTATG  
 TCATCCTAAAGACGGTGCAGCTGAGGAATGGGAATCTGCAGTATGACCTCCACTATTGGCTGGGCAACGA  
 GTGCAGCCAGGACGAGAGCGGGCTGCCCCATCTTTACCGTGCAGCTGGATGACTACCTGAATGGCCGG  
 GCTGTACAGCACCGTGGGTTCCAGGCTTTGAGTCGTCCACATTCGAAGGCTACTTCAAGTCTGGACTTA  
 AGTACAAGAAAGGAGGCGTGGCATCTGGATTCAAACACGTGGTACCCAACGAGGTGGTGGTGCAGAGGCT  
 CTTCCAGGTCAAGGGACCGCTGTAGTCCGTGCCACTGAAGTACCTGTGTCTGGGACAGTTTCAACAAC  
 GGTGACTGCTTATTCTGGACCTGGGAAATAATATCTATCAGTGGTGTGGCTCCGGCAGCAACAAGTTTG  
 AAAGACTGAAGGCCACGCAGGTGTCCAAGGGCATCCGGGACAACGAGAGGAGTGGACGCGCCCAAGTACA  
 TGTGTCTGAAGAGGGTAGCGAGCCGAAGCCATGCTCCAGGTGCTGGGCCCAAGCCGGATCTGCCTCAG  
 GGCACCGAGGACACAGCCAAGGAAGATGCTGCCAACCGAAGGCTGGCCAAGCTCTACAAGTCTCCAACA  
 GTGGAGGCAGCATGTCACTCCTCGTGGCTGACGAGAACCCCTTCGCCAGTCCGCCCTGAGATCCGA  
 GGACTGTTTATCCTGGACCACGGCAGAGATGGGAAAATCTTTGTTTGGAAAGGCAAGCAGGCCAACATG  
 GATGAGCGGAAGGCTGCCCTCAAACAGCCTCTGACTTCATCTCCAAGATGCAGTACCCAGGCAGACCC  
 AGTTCAGTCCCTCCCGAGGGCGGCGAGACTCCTCTCTTAAGCAGTTCTTCAAGAAGTGGCGGGACCC  
 AGACCAGACAGACGGCCCTGGCCTGAGTACCTCTCCAGCCACATTGCCAACGTGGAGCGCGTGCCTTTC  
 GATGCTGTACTACTGCACACCTCCACTGCCATGGCTGCCAGCACGGCATGGATGATGACGGAAGTGGCC  
 AGAAACAGATCTGGAGAATTGAAGGTTCCAACAAGGTAAGTGGTGGACCCCGCCACATATGGCCAGTTCTA  
 TGGAGGTGACAGCTACATCATTCTGTACAACCTACCGCCATGGTGGCCGCCAGGGACAGATCATCTACAAC  
 TGGCAGGGTGCCAGTCTACCCAGGATGAGGTGCTGCTTACGCCATCCTGACTGCCAGCTGGATGAGG  
 AACTGGGAGGAAGTCTGTCCAGAGCCGAGTGGTCCAAGGCAAAGAGCCTGCACACCTCATGAGCTTGT  
 TGGTGGGAAGCCATGATCATCTACAAGGGCGGCACCTCCCGAGATGGTGGGCGAGACAACCCTGCCAGT  
 ACCCGCCTCTTCAAGTCCGGGCCAGCAGCTCTGGAGCCACCAGGCTGTTGAGGTAATGCCTAAGGCTG  
 GCGCTCTCAACTCCAATGATGCCTTTGTGCTGAAAACCCCTCCGCCGCTACCTGTGGTGGGTACAGG  
 AGCCAGTGATGCGGAGAAGACCGGCGCCCTGGAGCTGCTGAAGGTGCTGAGGGCCAGCAGTGCAGGTG  
 GAGGAAGGCAGTGAACCAGATGGCTTCTGGGAGGCTCTGGGCGGGAAGACTGCCTACCGCACATCCCCCA  
 GGCTTAAGGACAAGAAGATGGATGCTCATCCTCCTCGCCTCTTCGCTGCTCCAACAGGATCGGGCGCTT  
 TGTGATCGAAGAGGTTCTGGCGAGCTTATGCAGGAAGACCTGGCTACTGATGACGTATGCTCCTGGAC  
 ACCTGGGACCAGGCTTTGTCTGGGTTGGAAAGGACTCTCAGGAAGAGGAAAAGACAGAAGCCTTGACCT  
 CTGCTAAGCGGTACATCGAGACGGACCCAGCGAATCGGGACAGGGCGACCCCATCACTGTCGTTAGGCA  
 AGGCTTTGAGCCTCCTTCTTTGTGGGCTGGTTCCTCGGCTGGGATGATGACTACTGGTCCGGTGGATCCC  
 TTGGACCGGGCCTTGCTGAGCTGGCTGCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001004080  
**Insert Size:** 2343 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001004080.1</a> , <a href="#">NP_001004080.1</a>
<b>RefSeq Size:</b>	2612 bp
<b>RefSeq ORF:</b>	2343 bp
<b>Locus ID:</b>	296654
<b>UniProt ID:</b>	<a href="#">Q68FP1</a>
<b>Cytogenetics:</b>	3p11
<b>Gene Summary:</b>	plays a role in phosphoinositide mediated disassembly of actin filaments in Sertoli cell adhesion complexes; may regulate sperm release and turnover of the blood-testis barrier [RGD, Feb 2006]