

## Product datasheet for **MC201609**

### Gmnn (NM\_020567) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gmnn (NM\_020567) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gmnn  
**Synonyms:** AW546347; Gem  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC020061 sequence for NM\_020567  
 CCAGGGCCTTGTGCGGCTCTCACGCTCGCCGGAACTGAGCATTGCTGTCTGTGAGTCCGAGGGCGCGGG  
 AGACCGAGGGCGGGCGAGTGCAACTCCGGCCGCGGGATCGCCGGCTGGCCGAATGCCGGCCTGCTT  
 CTCAGCCACGGGGAGCCGGCCTGGGAGGCGACGATTTGAAGGGACCCGAGTCTGGGGACTTGAAAGGGAC  
 CCGAGTCTCGGTCCGACTGCAAGGCAAAGCTGGGCGAGCTGAGACGAGGGCTGCGCCATTGGTGAGTTG  
 AAAAATGAATCTCAGTATGAAGCAGAAGCAGGAGGGAGCCCAAGAGAATGTGAAGAATAGTCTGTCCCA  
 AGGAGAACGCTGAAGATGATCCAGCCTTCTGCAGATGGATCTCTTGTGGCAGAGAAAAATGAGTTGCCAA  
 AAGGCTTGTTCAAAGGAAGCTTTGGGATGACCAGCTAGCATCTCAGACTTCAAGCTGTGGTCCAGAAGC  
 TAATGAAAATAAGGATGTTGGAGACCTCACCCAGGAAGCCTTTGATCTTATAAGTAAAGAGAACCCATCT  
 TCTCAGTATTGAAAAGAAGTGGCAGAGCAGCGGAGGAAAGCTCTCTACGAAGCACTGAAAGAGAATGAGA  
 AACTTCATAAAGAAATTGAACAAAAGGACAGTGAGATTGCCCGCCTGAGAAAGGAGAATAAAGACTTGGC  
 AGAAGTAGCTGAGCACGTGCAGTACATGGCGGAGGTAATCGAGAGGCTGAGTAATGAACCTCTGGATAAC  
 TTTGAATCACCGGATAGTCAGGAATTTGATTTCTGAAGAAGAAGCTGTTGAGTATTCAGAAGTGAAGACT  
 CAGGAGCTGGGACGTGTGCTGAAGAGACTGTGTCTTCTCCACGGATGCTAGGCCGTGTACATGAGGTGT  
 GGGACGCACTGCCAGCGTTGCCCTTTAGTATAGCTCTTGGTAAACTAACTACATGGTGCAAGTGCTGGAA  
 GCCAGGTTTGAATCCTGGGGCTATCACTATGTTAAAATACAGATAGTGTGATTTTTTAATCCGTTTTATG  
 TAAATAGCATTTTCATTTTTGTCTAGTGCAGATATAAACTGTATATTAATAAACTTCAATTTCTGTG  
 AACATTGTAACAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_020567  
**Insert Size:** 621 bp



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<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>	<u><a href="#">BC020061</a></u> , <u><a href="#">AAH20061</a></u>
<b>RefSeq Size:</b>	1145 bp
<b>RefSeq ORF:</b>	621 bp
<b>Locus ID:</b>	57441
<b>UniProt ID:</b>	<u><a href="#">O88513</a></u>
<b>Cytogenetics:</b>	13 A3.1
<b>Gene Summary:</b>	Inhibits DNA replication by preventing the incorporation of MCM complex into pre-replication complex (pre-RC). It is degraded during the mitotic phase of the cell cycle. Its destruction at the metaphase-anaphase transition permits replication in the succeeding cell cycle. [UniProtKB/Swiss-Prot Function]