

## Product datasheet for **MC200009**

### Gpn3 (NM\_024216) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gpn3 (NM\_024216) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gpn3  
**Synonyms:** A930018B01Rik; Atpbd1c; D5Ert708e  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC003341 sequence for NM\_024216  
 CCCACGCGTCCGATTGGCTCCTACGCACATTCCCCGGAACGCCGTGGCTGTCGCGGAAGGCTGAAGGGA  
 GTGTGGCCGTCGGCTGTGTGTGAAACCCCGGAGAGCGGCATGCCTCGATATGCCGAGCTCGTCATGGG  
 CCCC GCGGGCAGCGGGAAGAGCACCTACTGTTCCACCATGGTTCAGCACTGTGAAGCCCTCAACCGATCT  
 GTCCAGGTGGTCAACCTGGACCCGGCGGAGAACAACCTCAACTACCCTGTCATGGCCGACATCCGGGAGC  
 TGATCGAGGTGGACGATGTGATGGAGGACGAGTCTCTGCGGTTCCGCCCCAACGGAGGCCTGGTCTTCTG  
 CATGGAGTACTTTGCCAATAACTTTGACTGGCTGGAGAAGTGCCTGGGCCAGCTCGAGGACGATTACATC  
 CTTTTGACTGTCCAGGTCAGATTGAGCTCTACACCCACCTGCCTGTCATGAAGCAGCTGGTCCAGCAGC  
 TTGAGCAGTGGGAGTCCGAGTGTGCGGAGTGTCTTCTGTTGATTCTCAGTTCATGGTGGAGTCATTCAA  
 GTTTATCTCCGGCATCCTGGCAGCCTTGAGTGCCATGGTTTCTCTAGAGATCCCACAGGTTAACATCATG  
 ACGAAGATGGACCTGCTGAGTAAGAAAGCCAAGAAGGAGATTGAGAAGTTTCTAGATCCAGACATGTA  
 CTCTGATAGACGATTCAACCGGTGACTTAAGAAGCCAAAAGTTTAAAGAAGTTGACGAAGGCCGTGTGTGG  
 CCTGGTGGATGACTACAGCATGGTCCGCTTCTGCCATACGACCAGTCAGACGAGGAGAGCATGAACATC  
 GTGCTCCAGCACATCGACTTCGCCATTCAGTACGGGGAGGACTTGGAGTTCAAGGAGCCGAGGGAGCATG  
 AAGAAGAGTCTTCTCCATGTTTGATGAGTATTTCCAAGAACGGCAGAATGAGTGAGGTTGACTACGTAG  
 GAAGCCACCATCCCGCTTGTGGCCAAGTGTCTCTCTGGAGGATGTAACCGCGGGAAGCCGCCGTGCGTC  
 TGGGAAGCGTGTGGCTCTAGGCTGAGCCGCTGCGTGAGCAAGTGAGTGAGCGAGCCTGGCTTGTGCTC  
 TGAGCTTGAAACTGCCGCTCTTTCAGGAGACTTTATCTGACACTATTGTTTGGATATTTAAAGAAAAAT  
 CAAAGTAGAAATTAATGCACAAAGACTTGTGTATAATATAAACCAACCTAGCCACACAGTACATCACCA  
 GTGTGTATGTGTCATGCGGCACAATTGGAGCCAATGTAACCTCATTTTTACAATTGAATATTTTGT  
 TTTGAGGGTCTTCTTTTGTATTTACTTGTGTTTGGAGAGGTACAAATTATTGTAACAAAAAACATA  
 GATCTATATCAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_024216  
**Insert Size:** 855 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>	<a href="#">BC003341</a> , <a href="#">AAH03341</a>
<b>RefSeq Size:</b>	1425 bp
<b>RefSeq ORF:</b>	855 bp
<b>Locus ID:</b>	68080
<b>UniProt ID:</b>	<a href="#">Q9D3W4</a>
<b>Cytogenetics:</b>	5 62.33 cM
<b>Gene Summary:</b>	Small GTPase required for proper localization of RNA polymerase II (RNAPII). May act at an RNAP assembly step prior to nuclear import.[UniProtKB/Swiss-Prot Function]