

## Product datasheet for MC208523

### Gas1 (NM\_008086) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gas1 (NM\_008086) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gas1  
**Synonyms:** AW554192; Gas-1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC208523 representing NM\_008086  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGATGAGGACGCCCATGCCAGAAGTGC CGGAACTCGGACAACTTTCCAGCGGCCCGCGGCCGCC  
 ACCCGAGCCTCGTCTCCGCTCCGCACCGCGTCCGGCGGCCGTGCTGCCCGGATGCTAGCCGCGTGT  
 GGGCGGCCCGGGGCCCGCACGGGACCTTGCCGGCGCCTTGCTGTGCCTGATGGCGTGTGCAGCTG  
 CTGTGCTCGGCACCGCGGGGCTCGGGGCTAGCGCACGGCCCGCCTCATCTGCTGGCAGGCGTGTGC  
 AGTGTCAGGGCGAGCCCGACTGCAGCTACGCCTACAGCCAGTACGCCGAGGCTTGTCGCGCGGTGTAGC  
 GCAGCGCGGGCGGGGCTGATGCTCCGGGGCCCGCGCGCCTTCCCGCCTCGGCCGCGTCTCGCCGCGC  
 TGGCGCTGCCCGAGCCACTGCATCTCGGCGCTTATCCAGCTCAACCACACGCGCCCGGGCCCGCGTGG  
 AGGACTGCGACTGCGCGCAGGACGAACACTGCAGGTCCACCAAGCGGCCATCGAGCCCTGTCTGCCGCG  
 CACCAGCAGCGTGGGCCCGGGCGGGAGCGGGCTCGGTATGGGCTGCACTGAGGCCCGGGCGCGCTGC  
 GACCGGGACAGCCGCTGCAACCTGGCGCTCAGCCGCTACCTGGCCTACTGCGGCAAGCTTTCAACGGGC  
 TCGCTGCACAGACGAGTGCCCGCGGTATCGAGGACATGCTGGCCGTGCCCAAGCGCGCTGCTCAA  
 CGACTGCGTGTGCGATGGGCTGGAGCGGCCATCTGCGAATCGGTCAAAGAGAACATGGCCCGCTGTGC  
 TTCGGCCAGATGCGAGCAACGGTCCGGGCGAGCGGCTCGGACGGGGCCTGGACGACTACTACGACG  
 AAGAATATGACGACGAGCAGCGCTGGGGCCCGGGCGGCGAGCAACCCTGGACGACGACGCGCCT  
 TGCGCGCCCGGGCGGGCGCTGCTGCGCGGGCGGCCGCGGAGACTTGCCCCACGGTCCCGGGCGCAGG  
 AGCAGCAGCAGCGCAGTGGAGGCCACTGGCGAATCGAAGCGCCTGGACCCCGTTTGCCTGTTGCTGC  
 TGCTGTTGCTCCTGCTGCTCGGGTCACACTT**GTAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_008086
<b>Insert Size:</b>	1155 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>	<u><a href="#">NM_008086.2</a></u> , <u><a href="#">NP_032112.1</a></u>
<b>RefSeq Size:</b>	3149 bp
<b>RefSeq ORF:</b>	1155 bp
<b>Locus ID:</b>	14451
<b>UniProt ID:</b>	<u><a href="#">Q01721</a></u>
<b>Cytogenetics:</b>	13 31.92 cM
<b>Gene Summary:</b>	Specific growth arrest protein involved in growth suppression. Blocks entry to S phase. Prevents cycling of normal and transformed cells.[UniProtKB/Swiss-Prot Function]