

## Product datasheet for **MC228665**

### Gas2l3 (NM\_001033331) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gas2l3 (NM_001033331) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gas2l3
Synonyms:	8430435B07Rik; Gm240
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC228665 representing NM\_001033331  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACCATGCAGCCTGCAATCCAAGTGTGGTTGGGAAGATCTGCCTCTAAGTCCCAGGTGTCCTGA  
 CTCCAGACATGGCCGGGACTGGCTGACGTTTGCCAGTATGACGAGTGGATAGCCGTGAGACATGAAGC  
 CACCCTGCTGCCTATGCAGGAAGATCTCTATTTGGTTATCTGGCTTACTAGGTGTTGACATCAAGGCA  
 GAAAGATTATTGGAAGAGCTCGATAATGGAGTGTGTTGTGTCAGCTAATCAATGTTCTTCAGAACATGG  
 TGAAAGGCTGCCACTCTGACGAGCCAGGAACTTCCAATGAGAAAGGTGCCTTGAAGAAAGATGCTGC  
 TTCGGGCTCATTCTTGGCAGAGACAACACCGCAACTTCTTCACTGGTGCCGACACATCGGTGTTGAC  
 GAGACTTACCTCTTTGAGTCGGAAGGTTAGTTTTACATAAAGATCCCAGACAGGTGTACCTTTGTCTTC  
 TTGAGATTGGTCGATTGTGCAAGATACGGAGTTGAGCCACCAGTATTAGTAAACTTGAGAAAGAAAT  
 TGAGTTGGAAGAGACCTGCTTAATGCCTCGGGGCTTGAAGAGTCCATCAGCATCCCAAATCCTGCTGT  
 CAGCAAGAAGAACTACATGAAGCTGTTAAACACATTGCGGAGGACCTCCTTGTAGCTGCTCTATCGGT  
 TTTCTATTGAATACTTATCCGAAGGCGGTACCGCTAGGGGAGAAAATTCTCTTTATAAGGATGCTTCA  
 TGGAAAACACGTTATGGTCCGCGTCCGTGGAGGCTGGGATACTCTACAGGGATTTTTGCTGAAGTATGAC  
 CCCTGTGCAATACTGCAGTTTGTACTAGAACAAAAATTTAGCATTTCAAAAGGAGTTTCTAATG  
 AAAGCGTGCCAGATTGCCTGCCAGAACGCCTCAGCCTCCAGAAATGAACCTTTGTGACAGTTAATAT  
 GTTTCAGAAACAAAATTAAGACCTGGCACACCAGTGAGTGTCCGAAGAACAAGGAGAAACAGGTACGT  
 CTACCAGGTGCAGTCTGCCTGCATCGTCAGTAAAGGTAATTTGGCTTCCCGTCTACCCGGGCTAAAC  
 GGCCAGATTCTCAGCATCATTTCCACATCCCAAGGTGACATCTTTGAAGGACGCAGAAAAAGACGAC  
 TGCTCCTTCCAACAGTGTATCGCAGTCCCTGGCTTCTCCAATCCAGGGTCTAAACCAAGCACTGCACAG  
 TGTGCCTCAGAGTCATCGCGAAAATGTGTACCTTCCCAAGACTGCACAGACCAAGGCTATTCCAGCCC  
 AGAATTCAAGAGATCTGTCTAAGTCCAGACTTTTACCAAGTAAATCTCCTGGAAAATGGAACCAAGCA  
 TTTGAAACACAATCATCTTTCTTCTAGGGATGAGTCACGTATAAACTTATCATCCAAGTCCCAAAGCTA  
 CCTAAAGGAGCCATGCACGGAAGGCTAACCCTTCTCCTTTCCAGCCACCTGCCAAAGTGACCAAGCCCA  
 GTTCTAAAACCGGAGCCATAGGTCTAGGGACACAGTCTCAGCCACCCACTAGAACGCCGAGGTGAGGAGC  
 AGTCTCAGCACAAGACTTCAGTCTACATTGAATTTAAACAGTCCAGCTTCTGTGTGCTCAGGGTCTCT  
 GCAAAAGTACTCAGGGATCGAAAGGTAAGAATACAGTTTCAGTTGCCAAAAGCAACCTCAGAGTAAGG  
 GTGTCTGCCGGAATCCGGGACCTGGCTTCTCAAAGTCTCCTGGCCGTACCCCGCTGTCTATTGTGACTGT  
 TCCCAATCTGCTACCAAGACAGAACTGTCTCGAAGTACGCCAAGACTGCCATGAAGGGCCAGTACTCA  
 GCTAAAGGGCCTCCAAAAGCAGCAAGCCACCAACTTCTTTCAGGGACCCACCCTCATCTGGTAAGGGGG  
 CAGACAGCGGAGATAAAATGCCCACTGCCAGGAAGAAGGAAGAAGATGACCATTATTTGTTATGCCGG  
 AAATAAGAAGCTTAGGAAAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001033331
- Insert Size:** 2052 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

<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_001033331.2</a></u> , <u><a href="#">NP_001028503.2</a></u>
<b>RefSeq Size:</b>	6745 bp
<b>RefSeq ORF:</b>	2052 bp
<b>Locus ID:</b>	237436
<b>UniProt ID:</b>	<u><a href="#">Q3UWW6</a></u>
<b>Cytogenetics:</b>	10 C2
<b>Gene Summary:</b>	Cytoskeletal linker protein. May promote and stabilize the formation of the actin and microtubule network (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).