

Product datasheet for **MC222197**

Gas2l2 (NM_001013759) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gas2l2 (NM_001013759) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gas2l2
Synonyms:	OTTMUSG00000000934
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC222197 representing NM_001013759
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCTCAGCATGTGGGACATGGGAGGAGACCCAGGACCCAGGACCTCCTGTGCGCAGCATCCGGCCCT
 TCAAGTCCAGCGAGCAGTACCTGGAGGCCATGAAGGAAGACCTGGCTGAGTGGCTTCGGGATCTGTACGG
 GCTGGACATCGATGCAGACAACCTCCTGCGGGTCTGGAGACTGGCTGGTGTGTGCGCGCATGCCAAC
 ACTGTCACGGAGGCTGCTCTGGCCTCCTGGCTGAGGCACCTGAGCGAGCTCAAAAGATTCCCATGCCCC
 AGGCTGGAGTTTCTGCAATGGGGCTGCTCAGCCGGGTACCTCCAGGCCAGGGACAACATCTCCAACCT
 CATCCAGTGGTGTGCAAGGAGATGGGGATCCAAGAGGTGCTGATGTTGAGACAGAGGACCTAGTGCTC
 CGAAGAACGTGAAGAGCGTGGTACTGTGTCTGCTGGAGCTGGTTCGCCGCGCTTGGCGCTTCGGTGTGG
 CGGCGCCCGCCCTGGTGCATCTGGAAGAGGAAATTGATGAGGAGCTGCGGCGGACCTGGCCTTGCCATC
 GCCCGACCCACCACCGCCATACCCCTGCCCGCAGGCCTTGCCACTTCCACAACCTGGACCAGATGGTG
 CAGAGCCTCGTACGCCATTGCACATGCCAGTGAATTCTCCATGGTCAAGATATCTGAGGGGAAGTACA
 GAGTGGGGGACTCCAACACTCTCATCTTCCATCCGGATCCTCCGGAGCCACGTGATGGTGCCTGTTGGGGG
 TGGCTGGGACACGCTGGGCCATTATCTGGATAAACATGACCCCTGCCGGTGCACGTCCCTCTCCACAAG
 CCAGGCAGCTTCTGAAGCCCCAGGACCACCGGTGCAGCACGAAGTGAAGGTGCAGGATGGGCCCTCAC
 AACCCAGCCTACAATGACCATCAGCCGCTCACAGAGCCCACTGCCTCCAGTGGACTGGAAGACATACAC
 CTCTCCAGCGAAAGCTGAGACCTCCACACCTTCTCTCCTGGACTCCGTAGTGAACCCCAAGTGAAGG
 GCCAGAACCTCAGAGAGGATCCACTCCAAGGTCCAAGAGAAACCAACTCCATCTCAGAGGATGTCAT
 CACTGGTCCCCAATTCTCATCTACTTGTAGGGGCGCAGACCTACAGAGTACCCTGTCTGGGAAGAGC
 AAACAGATGCCAGGTGAACCGCCAGAGGAAGACTCCACATTTGGGTTTACAAGGAAGCAGGCAGT
 CGAGGAACACACACCAAGCCCCACACACAGAGGCTCCAAATCCCTGAGGCCACCAGCAAAAGGACGT
 CAGCAAGGGGACCATCGCCCCACCTCGTTCCTCCAGCCTAGCCAGTCTCACATGATCTGGGTCTGCA
 CCAGGGTGCCTCCACAGCTCAGTGAACCCATGACTGTTCACTTCCATCCCCTGGCAAAGGGCTCACC
 AAAATCCCTATCCGTTGTCCCCTGCCCGCCCCCACTCCAGGAAGAAGCTCTTGGGTACTGAAGGTG
 AATACTCCACGGGAGAGGCTCCATCTCATCAAGGGCCCTCGAAGGAACCTGGATAGATCCACACATGG
 GCATCACTCTGTGAAGCAAGTGGGACCACCAGACAGACATCCAGACTACTTCAGAGACTGAGGATCCC
 AGGAGCTTGGGTACACAGAAGTGGAAAGAGAGACACACCTTTTGGCCCTGGGCAGGCGCAGAGAGCAAG
 CCCTCTATGATAACCTTAAAGAGGAGGTTGTGGCCAACATGAAGCTGCTGGAGGTGGGGACTGCCTACAC
 TCAGGGTACAAGGTCTCAAGCCATCCCTCGAAGTGGGGTCTATGTTCTAGCCTGGGTGGGAGGTGGCCT
 GAGCCTGGGGTCTTATGATAAAGTATCCGGGAACCTGGTTCAGGGTCCCCACCCCTCCTTAAAGTGG
 ATCTGAAAGCCTGGAAGGTTGGATCTGAATGCCTTCTAGGCCAATTGTGGACCCAGGAAGCCCCAAGA
 GAAGCTAGGTTCCAGAGAAACGGGGACAAGGATAAAGGCAAGCCTGAATGCTGAGGATACCACAGTGAAG
 ACTGTATCACCTGCAAGAGGGCAGGGGTGCTCAACCCCGCTGTATCTGCCAACCTGGAGGCTCCACAC
 GTTCATGCTCAGACCCAGTTCGACAAAGCCAGTGTATGCTGGGCAAGGGCAAGAGAACTCTCCGGAA
 GCCCAGAAGATCCCATCCATTTACAAGCTGAAGCTGAGACCCAGAATCCGGCCTCGTAGAGACCATAGA
 CCTGAGAAGAGACCTTCCAGAATCCCAAGCCACTGCCTTACTCCTGCCTGGTTCTAGCCAGGACAGCTC
 CTGGAAGCAGGCTATTAAGGCTACATTGGGTGGCAAGGGAGGGTCCCCTGCCAGGTGAATGGAACAGG
 TAAGAAGGAGGAAGAGAAAAAGAAAGGAGGCAGCAACATCTCCTTGGAGAGCAGCATCCAGCCCGCAGAG
 AGCCAGGAGCCTCTGAAGCTTGGTGAACCCCACTTTACCCGAGGAGGAATCTTGGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001013759
Insert Size: 2583 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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_001013759.2 , NP_001013781.1
RefSeq Size:	2943 bp
RefSeq ORF:	2583 bp
Locus ID:	237891
UniProt ID:	Q5SSG4
Cytogenetics:	11 C
Gene Summary:	Seems to be involved in the cross-linking of microtubules and microfilaments. [UniProtKB/Swiss-Prot Function]