

Product datasheet for **MC204613**

Gas2l1 (NM_144560) Mouse Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Gas2l1 (NM_144560) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Gas2l1 |
| Synonyms: | 4930500E24Rik; D0Jmb1; Gar22; TU-71.1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC031785
 GGCGGCGCGGCCCGGCTCCGGCCCCGCCGGGGCGATGCTCCCCGGGGCGGCGGGGTGAGCCAGTGACTCC
 ACTGGCTCTGGGCATGGCGAACCAGTGGCGGGCATCGCAGGCTCTGCCGCAAGAGTGTGCGACCCCTC
 CGATCCAGTGAGGCCTATGTGGAAGCCATGAAGGAAGACCTGGCCGATTGGCTCAATGCTTTGTACAGTC
 TAGGTCTCCCCGGCAGTGGCGATGGCTTCTCACGGGGCTGGCCACAGGCACAACCCTGTGCCAACATGC
 CAACGCTGTACCGAGGCTGCCGGGCTCTGGCTGCTGCCCGTCAACCCGAGGTGTGGCCTTCCAGGCA
 CACAGTGTGGCGCTGGCTCCTTCATGGCCCCGAGACAACGTGGCCTCTTTCATCGGCTGGTCCGGGCTG
 AGCTGGGCGTGCCTGAAGTGCTCATGTTTGAGACAGAGGACCTGGTGCTACGCAAGAACGAGAAGAGTGT
 GGTGCTCTGCCTGCTGGAGGTGCGCCGCGGTGGGGCGCGCCTTGGCTGCTTGCCCCGAGGCTGGTACAG
 TTCGAGCAGGAGATCGAGCGGGAGCTTCGAGCTACCCCTCAGGTTTCCAGCGTCCCTGCTGCTGAAGAGG
 ATGCTACTGAAATTGCCACTGTACCAGGGGTTCCACCCGCACACCCCGCATGACGCCAATGACCTTCG
 AAACCTTGATGAGCTGTAAGGGAGATCCTAGGCAGGTGCACCTGCCCGACCAGTTTCCATGATCAAG
 GTCTCCGAGGGGAAGTACCGAGTGGGAGACTCCAGCTTGTCTATCTTCGTGAGGGTGTGAGGAGTCACG
 TGATGGTGCAGTGGGGGCGGCTGGGACACACTGGAGCACTACCTAGACAAGCATGACCCTTGTGCTG
 CTGCTTCTACGCACCTGTGCCCGAGAGGACCGGACTTCTCCCGCAGAGGGGATCACCCACT
 CCTAGCCCCCGCCCGTAGCCAGTCCCTGGGAGTGAGCGCAGGAGCTCCCGGCCGAAGTAACCCCA
 TCAGCCTGCGAGGCACAAGGAGGGGCTGAGACCCCGCTCAGGCCCGCGATCAGCTGCCCCCCCTTCC
 CCGCTCCCGCGCTACTCTGGGGACAGTACTCCTCAGCCTCCTGCTCAGAGCGGCCCATGGGTGCC
 CGCAGCGACGATTAGCCACTGGCTCCCGGAGGGAGCGGCCACCGGCCGACCTCCTGTCTCCGG
 CCTCCCGAGACGGCCGACCGCGCTCGCAGCCAGTCTCGAGACCGGCTGGACCGGGGACGGCCCCGCT
 GGCCCCAGGAGCCGAGGCGCTCAGCTGTGACCTCCAGCCAGCAAGGCGCACCCGAGCCAGAGCCG
 GAGGAACAGGCGGTACTGATGGTGGCAGGAGGACCGAGACCGCCAGCACTCGTGGTGGCCCGGGCAGGG
 GTGGCGGGGATCAGGAGGTTCTGGGAGGAGTACCCCGCAGACTCCGCGTCCCTCAGCCCTGCAGCACC
 CCGGCCTTCCAGGGGCCAGCCCCGCGCCAGAGCTGGCTGCCACACTGCCAGCATCTTCCGACGCCC
 CTGCAGCTTGACCACAGCAGGAGCAGCAGCTGTTAGGCGCCTGGAAGAGGAATTCTTAGCCAATGCC
 GCGCCTTGAGGCTGCTGCCAGCCATACCCCATGGGATCTGCCCTGACCTCCAGCTCCGGACTCTGC
 TTAAGTTCATCCAGCTCCTCGTCTTCACTCAGTGTCTGGGTGGCAAATGTGGCAAACCTGGGGAG
 TCAGGCCGCACAGCCAATGGGCTGCCTGGGCCCGCAGCCAAGCTCTGTCCAGTCTTCCGATGAGGGCA
 GCCCTACCTTGCTGTAGGAGGGGCACTGGATGCAACCAGGAGCTCTTTGGCTGGCCAGAACCCTCACT
 GACCTGGGCAAGGGGCGGATGGACACACAACCAGACCGTAAACCCTCACGCATACCGACACCTCGGGGA
 CCCC GCCGCCCATCGGGACCCATAGAATCGGGGCTTGGCATGCCAGCATTGCGTACCCCAAGGACCG
 AGCCAGATTCTTCGATGTGATGGACCGCTTAGCTACACCACACCCATTCCATTTTCTTGTGGCCTT
 AACCTACCTTTGCATCAGGGACCCCTTCCATCTCGAGCACCAGACCTCATGGGACCAGACCCACCG
 GACTACATGGCACAATGGGACACCTGTTGTACATTCCGGTTTGGGGGATGAGCATTGCTATTTAATTACT
 AATATTATTGAATGCCTTAGAGGAGACCGGGCCAGCCCGTGTCCAGAGGACCTGTGGTCCAGTAAGCAG
 AACCTCTGACAGTAAAGTATTGCTCCAGCTCCTGTTTTTGGGGACTGAGCCTTATTATATGTTGGGAT
 TCTAGAGTTAACTGCCTAGAAGCCAGACCTCAATGCTCTGAACCTGCATATACCAGAACAAGAAACCCTT
 AAATTGTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_144560
- Insert Size:** 2037 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:

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: [BC031785](#), [AAH31785](#)

RefSeq Size: 2561 bp

RefSeq ORF: 2037 bp

Locus ID: 78926

UniProt ID: [Q8JZP9](#)

Cytogenetics: 11 A1

Gene Summary: This gene encodes a member of the Gas2 family, actin-associated proteins expressed at high levels in growth-arrested cells. The gene expression is negatively regulated by serum and growth factors. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010]

Transcript Variant: This variant (beta) differs in the 3' coding region and 3' UTR, compared to variant alpha, resulting in an isoform (beta) with a distinct and longer C-terminus, compared to isoform alpha. Both variants beta and delta encode the same isoform.