

Product datasheet for **MC204778**

Gins3 (NM_030198) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gins3 (NM_030198) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gins3
Synonyms:	2700085M18Rik; A1616142
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC064746
 TAATCCCCTGACTGTGCTGCGAGCTGCCATGTCCGAGGCGTATTTCCCAGTGGAGTCGGGCGCTCTGGGG
 CCGGAGGAGAAGTTCCTGTCTTTGGACGACATCCTGATGTGCGAGGAGAAGTGCCTGGTGCGGTGCAGAG
 CGCCATGCCGCGCTGGGAGCCTTCTTCTGGAGCGGGCGGGCTCCGAGCCGGACCATCCGCTCCC
 TCAGGGTACAAAAGTGAAGTCCCTGTGGCTAAAGGACTCTTTGACCACAAGCGGCGCATCCTT
 TCTGTGGAAGTCCAAAATGTACCAAGAGGGATGGAGGACTGTATTCAGTGCAGATGCTAATGTCGTGG
 ACCTCCACAAAATGGGGCCCATTTCTATGGGTTGGCTCACAACTCCTGCATTTTGACAGTCCGGAGAA
 TGCAGATATTTCCAGTCTCTGCTGAAGACTTTTTATTGGACGGTTCCGCCGCATCATGGACTCCTCCAG
 AATTCCTACAATGAAGACACTTCAGCGCTGGTAGCCAGGTTAGATGAGACAGAGAGGGGCTTATTTCAA
 TCGGGCAGAGAAGTCTAAATGACTTTCAGAGTTGGGAAAAAGGACAAGCTTCTCAGATTACAGTTCAG
 CCTCGTCCAGAATTATAAGAAAAGGAAATTCACAAACATGGAAGACTAAAAGCCGAACACAACTGCAAC
 TTGTGGATTTATCTGTGCCCTTGATAAGACCAGTAACTTCATGGGAGACCAATGTGTACTGCTTCA
 GGGCTTTTAACTTCACCAGTCTCAAAGCTTGAAGTACCTGGTGGGGCGGATGTGGTTGCCATGACC
 CTGTTGGTCTTCTGGACTGTAGTACCTGCTAGCCTCACAGCATAGGCTTTTGGCCAGGAATGCAGCTG
 AGGAGGAGCCAGACTCCATCTTAAGCAAGGAGCATAGACATGTTGCATACACAGTCAAGTTGGAAGTCA
 ATTCTCGGATGTCTGGTCTCGTTGGCTGCAAAGTGAAGTCACTCTGCCTGTTCAAACTTCTCTTAAG
 CTTATTTGCCTTATCTTCTCATGGTTGGACAAAAGGACAGCATCTCCACAATGCTGCCTACCTGCTGGGA
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 GAGAAGGCACTGAGCTTTTGTGCCCTGTATTCAGGGCTTTTGAAGTGAATCACATCCCTTCAGTCTACT
 CAGAGGGGCCATGACTTGTGTTGTGACAGAACTTTAGGGCGCTGGCACACTATTCCGTTCCCTGTCT
 AGAAAACTCTCCAGGCAGCCATCTTCCAGTAACTTGC AAAATGACCAACACAAAGGGAAAGAGGTAT
 TATGTTCTCCAGGCCCTTAGGAAACATGGATTGTTCCCTTTGGCCACATATATGCGAATCTATAAGAAA
 GGTGATGTTGACATCAAGGGAATGGGCACTGTTCAAAGGAATGCCTATAAGTGTACCACAGCAAAAA
 AAAAGGAAGAGTCTATGATGTACCCAGCATGCGGTGGGATCACTGTAACAAGGAGGTTAAGGGCAAG
 ATTCTGGCTAAGAAGATCAATGTGCGGATTGAGCACTGAAAGAGCAGAGACAGCTTCTGAAAGCAGTGA
 AGGAGAACGAGAAGCCAAAGAGAAGGGCGCTGGTTACAGCTAAAGCGCCAGCCTGCGCCACCCAGAGAAG
 CACGTTTTGTGAGGACTAACGAAAGGAGCCTGAGCTGTTGGAGCCCGTCCATATGAGTTCATGGCCTA
 ATGTACAAAGAGAAAATAAGGATCTGGCTGCAAAGTGT TTTCTTTAAAGAAAGAAAGGAAAGCTATCA
 GGGAGGTGTTAGGAATTGCAAAGTAGTTATGAAAGGATGTTTGC AACCTTTGTATAATTGCATCAGGGG
 CTTACAGGTTGGAAAGAGCCCTTGTGAAAAACAGCTTGGCAAGTTTTAGTAGAGAAGACTCTTTTACAT
 TAATTTTTTTCTCCAGGAATACTGCAACTTAAATGCAAAAAGCACCCCTGACCCTTACTGGGAGTCTC
 TTTAAACATGCACCAAAGTGAAGGGGACAAGTTCCCGAGACCATAAGCTAAATAAAAAAGTCTATTTC
 TGGAGCCCTTTGGATTGTCTGGTGGGAGATTCTCCACACCCTGGCCACCCCTGGTATCCTATGACCAC
 TAAAAATATCTTCATTGTAATTAAGGAGAGCTTTGGGTGTCAGATAACACAGTTGTTAATGAAAGT
 TAAAAATAAAGACATGCATTA AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_030198

Insert Size: 651 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: [BC064746](#), [AAH64746](#)

RefSeq Size: 2357 bp

RefSeq ORF: 651 bp

Locus ID: 78833

UniProt ID: [Q9CY94](#)

Cytogenetics: 8 C5-D1

Gene Summary: The GINS complex plays an essential role in the initiation of DNA replication, and progression of DNA replication forks. GINS complex seems to bind preferentially to single-stranded DNA (By similarity).[UniProtKB/Swiss-Prot Function]