

Product datasheet for MC205256

Gins2 (NM_178856) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gins2 (NM_178856) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gins2
Synonyms:	2210013I18Rik; 4833427B12Rik; AI323585; Pfs2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC082565 GAGGCGCTGCCTCTGAGTCGCGGAGGGGCGGTAACGGGCCTGGGCCCTACTCTTCAACATGGATGCGG CCGAGGTGGAGTTTTTGGCCGAAAAGGAGTTGGTGACTATCATCCCGAATTTCAGTCTGGACAAGATCTA CCTGATCGGGGGGACCTGGGGCCCTTCAACCCGGCTTACCCGTGGACGTGCCCTGTGGCTGGCCATT AACCTGAAACAGAGACAGAAGTGCCGCCTGTTACCTCCGGAATGGATGGATGTGGAGAACTGGAACAGA TGCGTGATGAGGAGCGGAAGGAGGAGACATTCACCCAGTGCCCAGCCGCACTACATGGAGATCACGAA GCTCCTGCTGAATCATGCTTCTGACAACATCCCCAAAGCAGACACCATCCGGACACTGATCAAAGACCTG TGGGACACACGCATGGCCAAGCTTCGAGTGTCTGCTGACAGTTTTGTGCGGCAGCAAGAGGCACATGCCA AGCTGGACAACCTGACCTTGATGGAGATCAGCAGCAGCGGGCCCTTCTCACCCAGGCCCTCAACCAT GTACAAGCTCCGCACAAACCTCCAGCCCTCCGAGAGCACCCAGTGCAGGACTTCTAGCCAGAGGCCCTCT GCTGTGCAAACCTGCTGTGTGCCCTGTGTGGCGGAGATTGGGGGAAGAGTGTGGAACACTGGTAAGGTT GCTGCCCGTCTTTGTGAGAGTCAAGCCACTGCAAGTTCAACTCCATTGAACAGAGAAGCCGCCAGCCCT TTCTCTTCCACCAAGGACTGCACGCCAAGCACAGCGAGTGTTCGGGCCAGCTCAGCTCAAGTGTCTTCA AGCTTGGCCCGTGGAAAGCTGTATGTAGTTGAGGCTGAGCGTGAGGGTGGGGTGGTGATACAAAAGAT GAATTCGCTTAAACATGATTTAGGAAGATTTATTTTTCGGGATGTCAGAAATTACAGCAATATATTCA TAAATACCTAATTACTACATTCAACAAATAATATTACAATACAGTTAATTCAAACAAGAAAAAAAAAAAAA AAAAAAAAAA
Restriction Sites:	Ascl-NotI
ACCN:	NM_178856
Insert Size:	558 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).



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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:	<u>BC082565</u> , <u>AAH82565</u>
RefSeq Size:	1061 bp
RefSeq ORF:	558 bp
Locus ID:	272551
UniProt ID:	<u>Q9D600</u>
Cytogenetics:	8 E1
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]