

Product datasheet for **RR206520**

Gins3 (NM_001107408) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gins3 (NM_001107408) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Gins3
Synonyms: RGD1308153
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR206520 representing NM_001107408
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGAGGCGTATTTCCGGTGGAGTCCGGCGCTCTGGACCTGAGGAGAACTTCTGTCTTTGGACG
ACATCGTAATGTCACAGGAGAAGCTGCCGGTGC CGCTCGAGACGCCCATGCCGCGCTGGGAGCCTTCTT
CCTGGAGCGGGTGCGGGCGCCGAGGCGGACCATCCGCTCCACAGGGTACAAAACCTTGAGCTTCCCTTG
TGGCTGGCTAAAGGACTCTTTGACAACAAGCGTCGTATCCTTTCTGTGGAGCTTCCCAAGATGTACCAAG
AGGGATGGAGGACTGTATTCAGTGCGGATGCTAACGTCGTGGACCTCCACAAAATGGGGCCCCATTTCTA
TGGGTTTGGCTCACAGCTCCTGCATTTTGACAGTCCAGAGAATTCAGATATCTCCAGTCACTGCTGCAG
ACTTTTATTGGACGGTCCGCCGCATCATGGACTCCTCCAGAATTTTACAATGAAGATACTTCAGCAC
TGGTTGCCAGGTTAGATGAGACAGAGAGGGGCTTATTTCAAATGGGCAGAAAGGCTGAATGACTTTCA
GAGTTGGGAAAAAGGTCAAGCTTCTCAGATTACAGCTTCCAGCCTCGTTCAGAATTACAAGAAAAAGAAA
TTCACAAATTTGAAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR206520 representing NM_001107408
 Red=Cloning site Green=Tags(s)

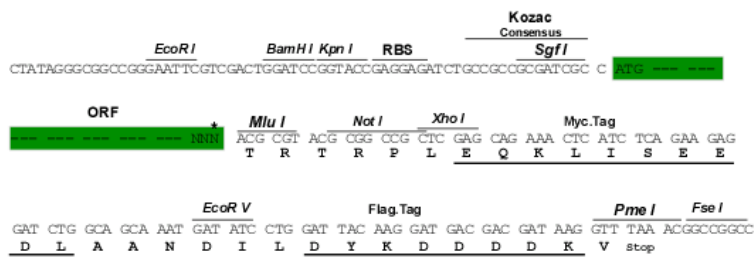
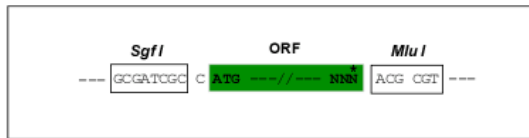
MSEAYFPVESGALGPEENFLSLDDIVMSQEKLPVRVETPMPRLGAFFLERGAGAEADHPLPQGTKLELPL
 WLAKGLFDNKRRLSVELPKMYQEGWRTVFSADANVVDLHKMGPHFYGFQSLLHFDSPENSDISQSLLQ
 TFIGRFRRIMDSSQNSYNEDTSALVARLDETERGLFQIGQKGLNDFQSWEKGQASQITASSLVQNYKKRK
 FTNLED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

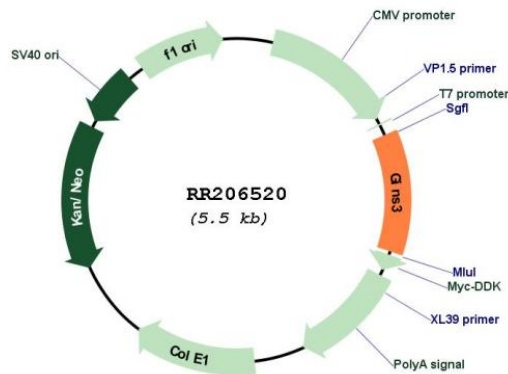
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001107408

ORF Size: 648 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001107408.1 , NP_001100878.1
RefSeq Size:	2310 bp
RefSeq ORF:	651 bp
Locus ID:	307639
Cytogenetics:	19p13
MW:	24.4 kDa