

Product datasheet for **MR221204**

Qser1 (NM_001123327) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Qser1 (NM_001123327) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Qser1
Synonyms:	4732486I23Rik; AI502974
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR221204 representing NM_001123327 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCATTCCTCAGCAGCAACTGAGCTGTTTGTTCAGGACCCCTTGCCAACCACTGGGACACTTCCACCAC
CAACTTTGTCTGCCTATCAGCATTTCATCTACCTTTAGCAATAGAACTTTGCGACCACCTCACCTTTGGT
GCTTCAAGATTCATCTTTAACTACTACCAATGGAATTTAAGCCCTCATGACCCTTTGCTACAAATT
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GCATCCTCTACTCGTGGTCAGACATTACAAAGTAGCATACCTTCTCCTGATCCAAAGTCTTATGCTGAAA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR221204 representing NM_001123327

Red=Cloning site Green=Tags(s)

MHSSAATELFVAGPLPTTGTLPPPTLSAYQHSSTFSNRNFATTSPLVLQDSSFNNTSNGILSPHDPDLLQI
KTSQGTVPALAFERLGSSALSNSVPPQSSTYRSAQESAPHLLQPQFSLLPSTLGGAQTPQAYNSALFP
SSAASIERALLRECSVIKHHQRPSVTQSIQAQLTGSQHPLHSYLSASIGNFQEPSRQSSLSGSSVRDST
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LHNQSSVISGQAQIYSTAQLPSLLSVSQSQNYGLVQPHNVPSIVHSQVYRSSRVEKLPSPLYKTLTFSGSS
QPVTSENLQTLSYSSNQEQVLSLVTNENYPAQTRDLPVSVSESQNYSSGQSLSPVSQTQVSYSSQSVLS
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KCGPKQFSTLAVRVPNRTRRSIGIQTTRTF CPPPFAKTS PAAQAPSETGGVSLSEKV DSELKTLEQLSSF
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LTSLTVNTMENANSTESPTAIELDSLPSDQLAKGQDTVAIEGFTDEENIESGGEGQYRERDEFVVKIEDI
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YVRVCSKPKRNPSTIRNIPSKPSSISKTS DPPVSKTTTTKTPSTKPKAKQLK IAEPPPKRKKWKKE
FSSSQSESSPEVRSSSEDEGFEP PAPS VTRFLNTRAMKETF KSYMELLVSIALDPDTMQALEKSND ELL
LPHMKKIDGMLNDRKRLLVNLHLDQPFKNALESFPELTVITRDSKAKSGGSAISKIKMNGKAYNKKTLR
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DLFEKFGELLNHVQKCS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9105_e01.zip

Restriction Sites:

SgfI-MluI

- 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: [NM_001123327.2](#), [NP_001116799.1](#)

RefSeq Size: 8975 bp

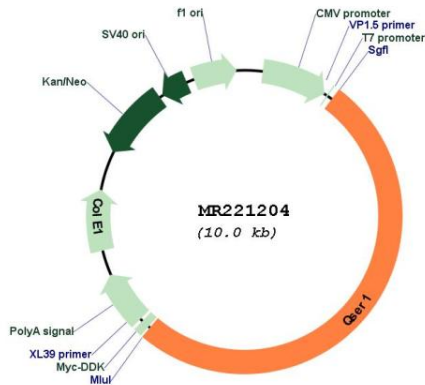
RefSeq ORF: 5097 bp

Locus ID: 99003

Cytogenetics: 2 E2

MW: 185.4 kDa

Product images:



Circular map for MR221204