

Product datasheet for MR201158

1700088E04Rik (BC096672) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1700088E04Rik (BC096672) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: 1700088E04Rik
Synonyms: ESTJ0827E04
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR201158 representing BC096672
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTTCCAGGAAAGGGTGGACTCGGTGACCAAGGAACCGGGTCCGCCGTGCCGTAAGCAAGCAG
 GTTACACGCCGGGACTTGTGAGCTGCTCAGAGTTATGATGAAGGAGTCTAAACTGACAACTTCCAGCA
 ACGCCACATCATGGACACCATGAAAAGAGATCTGGAGAAAAGAGAAACGAAGACTCCAAAATATCTTTGCC
 ACTGGGAAGGACAAGGAGGAACGAAAAAGGTTCCCCACGTGCGCAAGAAGACCCAGCTCCAGAGCTGG
 ACCGGTTTGATGAACTGGTAAAAGAAATCCAAGACAGGAAAGAATTCTTGCTGCCATGGAGGCTCTGGG
 GCAGGGCAGGCAGTACCGCAGCATCATCCTGGCTGAGATCTCCAGAAACTACGGGAAATGGAGGACATT
 GATCGCAGGAGGACAAGGAGCTGAGGAAAGCCCTCGCCACCACT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201158 representing BC096672
 Red=Cloning site Green=Tags(s)
 MASQERVDSVTKGTGFRRCRKQAGYTPGTCELLRVMKESKLTNFQQRHIMDTMKRDLEKEKRRLQNI
 FATGKDKEERKKVPHVRQEDPAPELDRFDELVKEIQDRKEFLAAMEALGQGRQYRSIILAEISQKLRE
 MEDI DRRRSKELRKALATT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

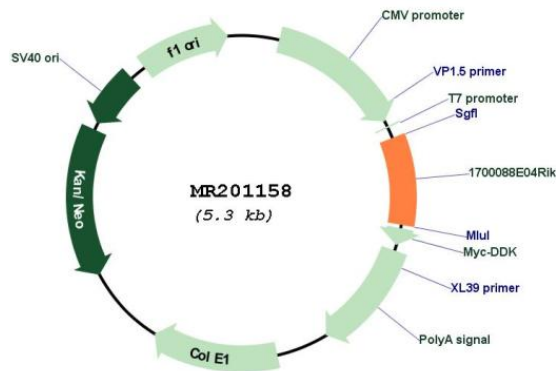


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Cloning Scheme:



Plasmid Map:



ACCN: BC096672

ORF Size: 465 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:	<u>BC096672.1</u>
RefSeq Size:	1190 bp
RefSeq ORF:	467 bp
Locus ID:	27660
Cytogenetics:	15 37.7 cM
MW:	43.6 kDa