

Product datasheet for **MR201240**

BC057602 Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: BC057602 Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR201240 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTCCGCCATCCCCACGGGACGGACGGACGGACAGACTCCACAAGGTAGGAAGCCTGCGCCGACCGC
 ACCGCCGACCCACCGGCACACAGGACACACGTGGGCCCGCGCCTGCACAGGCACACACGGCACACA
 CGGCAGGCAGGCCAGGCACACGCATCTGCGGGACGCCTCGCCCGCCACGCCGACAGGACGCCCGCCGC
 GTCAAGATGTCTGTGCGACCGACCCTCGCCCTGCTGGACGGATGGACGGACAGACGCCATCAGGTAGGAC
 ACGCAGCGCCGACCACTGACACACACGGCCACCCGAGGGGCTCAGGGACCCGGCGGGCACCAGCGACCT
 CCCAGTGTGGCTGGGCCCGAGACGCCGCTCTGGGGCGCCGCCGGTGGCCGCAGGACTCCCTGCGAC
 GTCACGGGTCTCTGGAAGACTTGGTGATTTTTCTCCAATCATTTTCAATTTTAAATTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201240 protein sequence
 Red=Cloning site Green=Tags(s)

MSPPSPRDGRTDRLHKVGLRRPHRRTHHGTQDTRGPRACTGTHGTHGRQARHHLRDASPATPTRTPAA
 VKMSVRPTLALLDGWTDRRHQVGHAAPTTDTHGHPQGLRDPGGHRDLPVWLGPEPALGRRPVAAGLPCD
 VTGLLEDLVIFLQSFHIFNF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:



ACCN: BC057602

ORF Size: 480 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:

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.

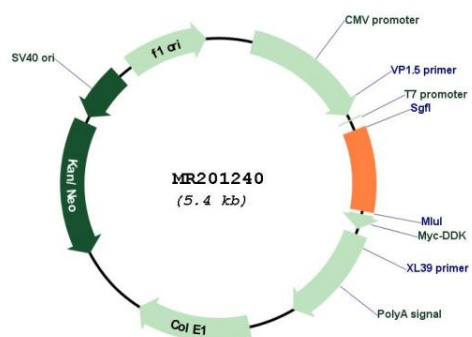
RefSeq: [BC057602](#)

RefSeq Size: 2014 bp

RefSeq ORF: 482 bp

MW: 17.6 kDa

Product images:



Circular map for MR201240