

Product datasheet for **MR207067**

BC013476 (BC013476) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | BC013476 (BC013476) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | BC013476 |
| Synonyms: | MGC18880 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>MR207067 representing BC013476
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTGTCTCTGCTCTAAGCCTGACCCGATTTGCAGGCAGCCTCTCTGGCTTCTCCAAGTGGCCTCTG
 TGTTCGTCTGCTCCTGCTGCTGGTGAAGCTGTCCAGGTCTACCTGCACAGGAAATGGCTACTCAAGC
 TCTCCAGCAGTCCCATCACCGCCTTTCACTGGTTCTTTGGGCATGAGCAGTTCAAAGGTGACCAAGAA
 CTACAGGAAATTGTGTCATGCATAGAGAACTTCCCAAGTGCCTTTCTCGATGGTTCTGGGGGAGCAAGG
 CCTACTTAACTGTCTATGACCCTGACTACATGAAAGTGATTCTGGGGCGATCAGGGTATGGTTTGTCTCT
 GTTAAACGGACAGTCATGGTTCAGCACCCGGAAGATGCTAACCCAGCCTTCCACTATGACATTCTGAAA
 ACCTATGTGAAAAACATGGCTGACTCCATTCGATTGATGCTAGACAAATGGGAACGGCTGGCTGGTCAGG
 ACTCCTCTATAGAGATCTTCAACACATCTCTTAAATGACCCTAGACACTGTCATGAAGTGTGCCTTCAG
 CCACAAGGGCAGTGTTCAGGTAGATGGAATACAAGACCTACCTCCAGGCCATTGGGGACTTGAATAAC
 CTAGTTCACTCTCGTGTGAGGAATATGTTTCATCAGAATGATACTATCTACAAACTTTCTCCAATGGCC
 GCTTGTCCAACCAAGCTTGTCAACTTGCCCATGATCACACAGATGGAGTGATCAAGATGAGAAAAGGATCA
 GCTGCAGGATGAGGGAGAGCTGGAAAATATCAAGAAGAAGAGACGTTTGGATTTTCTGGATATCCTCTTA
 TTTGCCAGAATGGAGAATGAGGACAGCATGTCTGACAAGGACCTTCGTGCTGAGGTGGACACATTCATGA
 TCGAGGGCCATGACACCACAGCCAGTGGAGTCTCCTGGATCTTCTATGCTCTGGCCACACACCCTGAGCA
 CCAACAGAGATGCAGAGAGGAAGTTCAGAGTCTACTGGGGATGGATCCTCTATCACCTGGGATCACCTA
 GACCAGATCCCTATACCACAATGTGCATCAAGGAGGCCCTAAGGCTCTACCCACCTGTCCCAAGCATTG
 GCAGAGAACTCAGTACATCTGTACCTTCTCTGATGGATGTTCTTTACCTAAAGGTGTCCAGGTCACACT
 CTCATTTATGGTCTCCACCACAACCCGAAGGTGTGGCCAAACCCAGAGGTTTGCACCAGACTCTCCCGG
 ACACAGCCACTCATTCTGCCCTTCTCAGGAGGAGCCAGGAACTGCATTGGGAAACAATTTGCTATGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207067 representing BC013476
 Red=Cloning site Green=Tags(s)

MSVSALS LTRFAGSLSGFLQVASVFLLLLLVKAVQVYLHRKWLLKALQQFPSPPFHWFHGHEQFKGDQE
 LQEIVSCIENFPSAFPRFWGSKAYLTVYDPDYMKVILGRSGYGLLLNGQSWFQHRKMLTPAFHYDILK
 TYVKNMADSI RLM LDKWERLAGQDSSIEIFQHISLMTLDTVMKCAF SHKGSVQVDGNYKTYLQAIGDLNN
 LVHSRVRNMFHQNDTIYKLSNNGRLSNQACQLAHDHTDGVIKMRKDQLQDEGELENIKKRRLDFLDILL
 FARMENEDSMSDKDLRAEVDTFMIEGHDTTASGVSWIFYALATHPEHQQRCEEVQSLLGDGSSITWDHL
 DQIPYTTMCIKEALRLYPPVPSIGRELSTSVTFPDGCSLPGKVQVTL SIYGLHHPKVWPNPEVCTRLSP
 TQPLIPALLRRSQELHWETICYE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: BC013476

ORF Size: 1329 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.

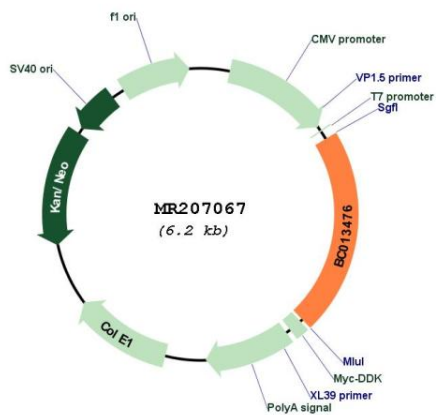
RefSeq: [BC013476.1](#)
RefSeq Size: 2433 bp

RefSeq ORF: 1331 bp

Locus ID: 545670

MW: 50.9 kDa

Product images:



Circular map for MR207067