

## Product datasheet for **MR202865**

### 5930416I19Rik (BC027368) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** 5930416I19Rik (BC027368) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** 5930416I19Rik  
**Synonyms:** 2510047L19Rik; 5930416I19Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR202865 representing BC027368  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCTCCAAAAAGAGACGCAGACAGTCCCAGAAAGCCAGCTGCTGTTCCACCAACAGCCACTGGAGG  
 GCCCAAACACCACTATGAATCTTGCCAGCAGCCATTACCCACACTGTTCCAGGTGCCAGCAAGCCCAT  
 TGATCAGAGCACCCTCACTTCTGGGTGTACCCAGTTTGATAGAGCAGCGAAAGCCGGTTTCTGATA  
 CACTGGAAGCCTCACCGAGACCAGGCAAGGCGCCCAACTCGGAGATCTACCTGCAAGTTTCCACGTCTAA  
 CCTTTGAGAGTCCACAGTCTTCCAGTTCAGAGACGTTGTTGCTATCCAACCGAGTGCAGCCCAAGAACTC  
 AGAAAAGGACCCACCCAGAAGGCCTTTAGTGCCATTGTTGAGTCCCAGAGCTGTGGAGAACTGTCAGTG  
 CATGTACCTCACAGTTTACCTCATGTGTTGCGACCCCTGACATCCAGACCCAGACTCTTCTGTAAAGAG  
 ACGATCCCATTTCCAGACCAGAAGGAAAACAGTTTTCCAAGCTGCATCCTTGGCCCTGGGACTCCAG  
 CAGCCAGAGCCGGGCCTGTTCTGGTCAAGGACACCCCTGAGGAGAAGTATGGGATTAAGGTCACGTGG  
 AGACGCAGAAGGCACCTGTTGCTACCTTAAGGAGAAGGGAAGCTGGATGGAAGCCAGTTCCTTGTGA  
 AGATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI



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**Cloning Scheme:**


**ACCN:** BC027368

**ORF Size:** 705 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).

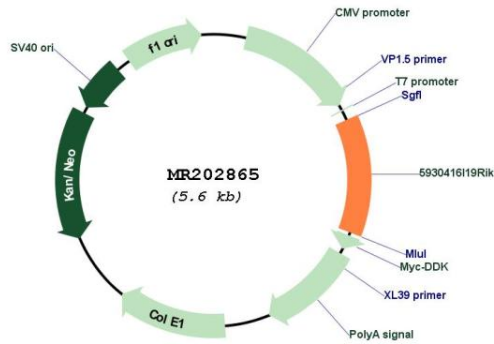
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
  2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
  3. Close the tube and incubate for 10 minutes at room temperature.
  4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [BC027368](#)

RefSeq Size: 1553 bp  
 RefSeq ORF: 707 bp  
 Locus ID: 72440  
 Cytogenetics: 6 F3  
 MW: 56.9 kDa

**Product images:**



Circular map for MR202865