

## Product datasheet for MR200931

### Prr3 (BC016636) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Prr3 (BC016636) Mouse Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Prr3  
 Synonyms: CAT56  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >MR200931 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTAACGGGAAGCCTGGTGATCCCAAGTCAGCTTCCACAGGGTCTCCAGGATCAAGGGACGGA  
 TGATCCCCACTGCTGAGTCTCCGCCTCTCCCGGGTAGAGGCTACATTCGGGGAGGCCTCGGTCC  
 TCGATCTAGCCCGTATGGTCGTGGTTGGTGGGGTATCAATGCCGAACCTCCTTTCTGGCCAGGCCAT  
 GGGGTCCCTTAGGGAAAGCTTTTACAAAGAGGTGAGAAACCCACGAAGGCTCAGAAGCTGGTCTCTTG  
 TCAAGAATACCTACCCACCAAGGACAGCCCCAGATGATGGAAGACAAGTCTGACCGCCCTGTCTGCCG  
 ACATTTTCTAAGAAGGGCCACTGTCGATATGAAGACCATTGTGCCTTCTACCATCCAGTCGTAACGGA  
 CCTCCTCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200931 protein sequence  
 Red=Cloning site Green=Tags(s)

MANGKPGDPKSAFHRGPPGSRGRMIPLLSLPPPPRGRGYIRGGLGPRSSPYGRGWGINAEPFPGPGH  
 GGPSRESFYKEVRNPRRLRSWSLVKNTYPPKDSQMMDKSDRPVCRHFSKKGHCYEDHCAFYHPVNVG  
 PPL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:



ACCN: BC016636

ORF Size: 429 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: [BC016636](#), [AAH16636](#)

RefSeq Size: 1936 bp

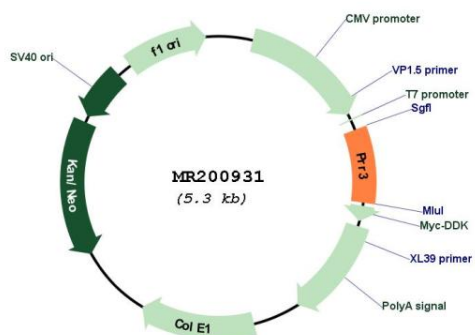
RefSeq ORF: 431 bp

Locus ID: 75210

Cytogenetics: 17 B1

MW: 16 kDa

### Product images:



Circular map for MR200931