

## Product datasheet for MR216169

### Cyrr1 (NM\_144853) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cyrr1 (NM\_144853) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Cyrr1  
**Synonyms:** MGC107464  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR216169 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGACGCGCTGAGGCTGCCCGGCGTCCAGGGGTCTGCTTCCGAAGTTGATCCTGCTCTTTGTTATG  
 CAGGGGATTGCCTGGCGCAGTGTGGCAAAGAGTGCCACTTTACTGCTGCGACGGTAGCACGCCCTACTG  
 CTGCTCCTACTACGCCTATTTGGGAACATTCTCTCGGGCACGGCGATTGCTGGCATCGTGTGGGAATC  
 GTGTTTCATCATGGGGTCAATGCAGGAATCGCCATCTGCATCTGCATGTGCATGAAGAACAACCGGGGA  
 CCCGCGTGGGGTCAATCAGAGCAGCACACATCAACGCCATCTCCTATCCCATGGCACCACCCCTATAC  
 TTATGACCACGAGATGGAATATCGCACAGACCTGCCACCTCCATACTCTGCAGCCCCACAGGCTTCGGCC  
 CAGCGCTCTCACCCCTCCGTATCCTGAAATCCAAGGAAATTTCTCCTCCCAGAACAGAATACGTG  
 ACAAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR216169 protein sequence  
 Red=Cloning site Green=Tags(s)

MDALRLPRRPGVLLPKLILLFVYAGDCLAQCGKECHSYCCDGSTPYCCSYAYIGNILSGTAIAGIVFGI  
 VFIMGVIAGIAICICMCMKNNRGRVGVIRAAHINAI SYPMAPPYTYDHEMEYRDLPPPYSAAPQASA  
 QRSPPPPYPGNPRKYSSQNIRDN

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



Cloning Scheme:



ACCN: NM\_144853

ORF Size: 498 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: [NM\\_144853.3](#), [NP\\_659102.1](#)

RefSeq Size: 2035 bp

RefSeq ORF: 498 bp

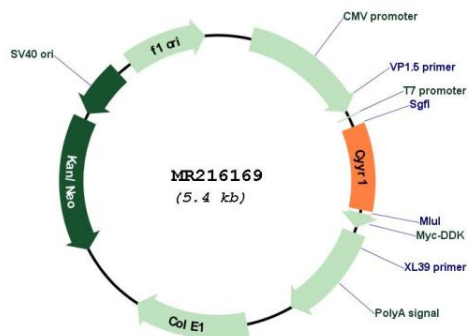
Locus ID: 224405

UniProt ID: [Q8VIH7](#)

Cytogenetics: 16 47.45 cM

MW: 18 kDa

**Product images:**



Circular map for MR216169