

Product datasheet for **MG216169**

Cyrr1 (NM_144853) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cyrr1 (NM_144853) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Cyrr1
Synonyms: MGC107464
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG216169 representing NM_144853
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACGCGCTGAGGCTGCCCGCGTCCAGGGTCTGCTTCCGAAGTTGATCCTGCTCTTTGTTATG
CAGGGGATTGCCTGGCGCAGTGTGGCAAAGAGTGCCACTTTACTGCTGCGACGGTAGCACGCCCTACTG
CTGCTCCTACTACGCCTATTTGGGAACATTCTCTGGGCACGGCGATTGCTGGCATCGTGTGGGAATC
GTGTTTCATCATGGGGTCAATGCAGGAATCGCCATCTGCATCTGCATGTGCATGAAGAACAACCGGGGA
CCCGCTGGGGTCAATCAGAGCAGCACACATCAACGCCATCTCCTATCCCATGGCACCACCCCTATAC
TTATGACCACGAGATGGAATATCGCACAGACCTGCCACCTCCATACTCTGCAGCCCCACAGGCTTCGGCC
CAGCGCTCTCACCCCTCCGTATCCTGAAATCCAAGGAAATATTCCTCCTCCAGAACAAGAAATACGTG
ACAAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG216169 representing NM_144853
Red=Cloning site Green=Tags(s)
MDALRLRRPGVLLPKLILLFVYAGDCLAQCGKECHSYCCDGSTPYCCSYAYIGNILSGTAIAGIVFGI
VFIMGVIAGIAICMCMKNNRGRVGVIRAAHINAI SYPMAPPYTYDHEMEYRTDLP PPSAAPQASA
QRSPPPYPGNPRKYSSQNRI RDN

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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| 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: | <ol style="list-style-type: none">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: | <u>NM_144853.3</u> , <u>NP_659102.1</u> |
| RefSeq Size: | 2035 bp |
| RefSeq ORF: | 498 bp |
| Locus ID: | 224405 |
| UniProt ID: | <u>Q8VIH7</u> |
| Cytogenetics: | 16 47.45 cM |