

## Product datasheet for **MR205828**

### Cyhr1 (BC062184) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cyhr1 (BC062184) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Cyhr1  
**Synonyms:** 1110031M01Rik; AU042374; Chrp  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >MR205828 representing BC062184  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTCCGGCGCCGAGGAGGCCGGGGGTGGCCCGGCTGCAGGGCCCGGGTGCCGTGCCGGCCGGG  
TCGGGTAGGGCCGGGCTGGGCTGCCGCGGGCCGGCTGCGCGGCTCTGGCGAGGCGCGGGGCC  
CGGGATCCCGACGAGGCGGCCCTGGCCGGCGCTCGGCAGCTGCAAGAGCGGCCGGCGACCCGACGCG  
CGCCCAAGAAGCGGCTGCGGGCGCCGAGGCAGCCGAGGCGGCGGCGGCGAGTGGCAGCGGGCAGTG  
GAAAGCTGGAGGAGCGTCTACTCGGTGCTGTGCTGCACCGTGTGCTGGACCTGCCAAGGCTCCGT  
GTACAGTGTACTAACGGTCACTTGATGTGCGCTGGTGTATCCACCTACTAGCAGATGCCCGGCTG  
AAGGAGGAGCAGGCCACATGTCCAACGTGCTGTGTGAGATCAGTAAGAGCCTCTGCTGCCGAACCTGG  
CTGTGGAGAAAGCTGTGAGCGAGCTGCCTCAGAGTGTGGCTTCTGTCTGCGTCAGTCCCTCGCTCCCT  
CCTAGAGAGGCACCAGAAAGAGGAATGCCAGGACAGGGTGACACAGTGAAGTACAAGCGTATTGGCTGC  
CCGTGGCATGGCCCTTCCATGAGCTGACAGTGCATGAAGTGCCTGCTCACCCGACCAAGACAGGCA  
ACGAGCTGATGGAGATCCTCGACGAGATGGACCAGAGCCACCGCAAGGAGATGCAGCTCTACAACAGCAT  
CTTCAGCCTGCTCAGCTTTGAGAAGATCGGCTACACAGTCTGGGTGTTGGGCTTACCTTTGGAGCAGG  
GAGCAAGAAGAGCATTCCATCAAGTCAGATCCTGTCTACAGATGTTCACTGAAGGCTACAGAGCCTCCCG  
AGGCTGGCAAGAAGCTGTTGGAGACAGGGTCCAGAACAAGCTGAGGGTCTGAGCTCAAAGTGTAGAAC  
TGGGAATGGATGCCCAAAATGAGTAAGCTGGACCAGGCCAGGCCACTGGATCTCATGGCTCCCGGGCA  
TCTGTCACCAGCTCTGAACATGTCGGGGAGCAAGAGCCAGGCCACACCTTGGGCCAGAGAACACGAAGCA  
CCTGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR205828 representing BC062184  
 Red=Cloning site Green=Tags(s)

MSGAAEAGGGGPAAGPAGAVPAGVGVGAGPGAAAGPAAAAALGEAAGPGIPDEAALAGARQLQEAAGDPDA  
 PPKRLRAEAAEAAAAVAAGSGKLEERLYSVLCCTVCLDLPKASVYQCTNGHLMCAGCFIHLADARL  
 KEEQATCPNCRCEISKSLCCRNLAWEKAVSELPSECGFCLRQFPRSLERHQEKCQDRVTQCKYKRIGC  
 PWHGPFHELTVHEAACAHPTKTGNELMEILDMDQSHRKEMQLYNSIFSLLSFEKIGYTVVWVFGPYLWST  
 EQEEHSIKSDPVYRCSLKATEPPEAGKLFGDRVPEQAEGLESSNCRTGNGCPQMSKLDQARPTGSHGSR  
 SVTSSEHVGEQEPGHTLGQRTRSTC

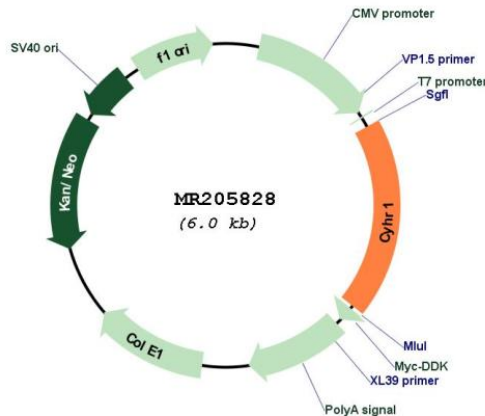
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** BC062184

<b>ORF Size:</b>	1125 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC062184.1</a>
<b>RefSeq Size:</b>	1863 bp
<b>RefSeq ORF:</b>	1127 bp
<b>Locus ID:</b>	54151
<b>Cytogenetics:</b>	15 D3
<b>MW:</b>	68.3 kDa