

## Product datasheet for **MG205828**

### Cyhr1 (BC062184) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cyhr1 (BC062184) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cyhr1
Synonyms:	1110031M01Rik; AU042374; Chrp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205828 representing BC062184 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCGGCGCCGAGGAGGCCGGCGGGGTGGCCGGCTGCAGGGCCCGGGTGCCTGCCGGCCGGG  
TCGGGGTAGGGCCGGGCTGGGGCTGCCCGGGCCGGCTGCGGCGGCTCTGGCGAGGCGGGGGCC  
CGGGATCCCGACGAGGCGGCCCTGGCCGGCGCTCGGCAGCTGCAAGAGGCGCCGGCGACCCGACCG  
CCGCCAAGAAGCGGCTGCGGGCGCCGAGGCAGCCGAGGCGCGGGCGGCAGTGGCAGCGGGCAGTG  
GAAAGCTGGAGGAGCGTCTACTCGGTGCTGTGCTGCACCGTGTGCTGGACCTGCCAAGGCTTCCGT  
GTACAGTGTACTAACGGTCACTTGATGTGCGCTGGCTGTTTTATCCACCTACTAGCAGATGCCCGGCTG  
AAGGAGGAGCAGGCCACATGTCCCAACTGTCGTTGTGAGATCAGTAAGAGCCTCTGCTGCCGGAACCTGG  
CTGTGGAGAAAGCTGTGAGCGAGCTGCCTTCAGAGTGTGGCTTCTGTCTGCGTCAGTTCCCTCGCTCCCT  
CCTAGAGAGGCCACAGAAAGAGGAATGCCAGGACAGGGTGACACAGTGAAGTACAAGCGTATTGGCTGC  
CCGTGGCATGGCCCTTCCATGAGCTGACAGTGCATGAAGCTGCGTGTGCTCACCCGACCAAGACAGGCA  
ACGAGCTGATGGAGATCCTCGACGAGATGGACCAGAGCCACCGCAAGGAGATGCAGCTCTACAACAGCAT  
CTTCAGCCTGCTCAGCTTTGAGAAGATCGGCTACACAGTCTGGGTGTTTGGGCCCTTACCTTTGGAGCAG  
GAGCAAGAAGAGCATTCCATCAAGTCAGATCCTGTCTACAGATGTTCACTGAAGGCTACAGAGCCTCCCG  
AGGCTGGCAAGAAGCTGTTTGGAGACAGGGTCCAGAACAAGCTGAGGGTCTGAGCTCAAAGTGTAGAAC  
TGGGAATGGATGCCACAAATGAGTAAGCTGGACCAGGCCAGGCCACTGGATCTCATGGCTCCCGGGCA  
TCTGTACCAGCTCTGAACATGTCGGGAGCAAGAGCCAGGCCACACCTTGGCCAGAGAACACGAAGCA  
CCTGC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG205828 representing BC062184  
 Red=Cloning site Green=Tags(s)

MSGAE EAGGGP AAGPAGAVPAGVGVGAGPGAAAGPAAAAALGEAAGPGIPDEAALAGARQLQEAGDPDA  
 PPKRLRAEAAEAAAAVAAGSGKLEERLYSVLCCTVCLDLPKASVYQCTNGHLMCAGCFIHLADARL  
 KEEQATCPNCRCEISKSLCCRNLAVEKAVSELPSECGFCLRQFPRSLERHQKEECQDRVTQCKYKRIGC  
 PWHGPFHELTVHEAACAHPTKTGNELMEILDMDQSHRKEMQLYNSIFSLLSFEKIGYTVVWVFGPYLWST  
 EQEHSIKSDPVYRCSLKATEPPEAGKKLFGDRVPEQAEGLESSNCRGTNGCPQMSKLDQARPTGSHGSRA  
 SVTSSEHVGEQEPGHTLGQRTRSTC

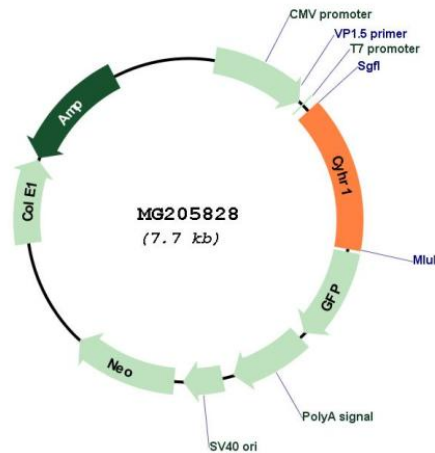
TRTRPLE - GFP Tag - V

**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