

## Product datasheet for MR224678

### Cyhr1 (NM\_019396) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Cyhr1 (NM\_019396) 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: >MR224678 representing NM\_019396  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGTTTCCAACCAGGACTGAATGGAGCACTGTCCTGTCCCACCTGGTATTGGCAGGGGTGTCCTGC  
 ATGCAGCGGTGAGCTCTGTACAGTGTACTAACGGTCACCTGATGTGCGCTGGCTGTTTTATCCACCTACT  
 AGCAGATGCCCGCTGAAGGAGGAGCAGGCCACATGTCCCACTGTCGTTGTGAGATCAGTAAGAGCCTC  
 TGCTGCCGGAACCTGGCTGTGGAGAAAGCTGTGAGCGAGCTGCCTTCAGAGTGTGGCTTCTGTCTGCGTC  
 AGTTCCCTCGCTCCCTCCTAGAGAGGCACCAGAAAGAGGAATGCCAGGACAGGGTGACACAGTGAAGTA  
 CAAGCGTATTGGCTGCCCGTGGCATGGCCCTTTCCATGAGCTGACAGTGCATGAAGCTGCGTGTGCTCAC  
 CCGACCAAGACAGGCAACGAGCTGATGGAGATCCTCGACGAGATGGACCAGAGCCACCGCAAGGAGATGC  
 AGCTCTACAACAGCATCTTCAGCCTGCTCAGCTTTGAGAAGATCGGCTACACAGAAGTTCAGTCCGGCC  
 TTACCGCACTGATGACTTCATCACAGCCTGTACTATGAAACACCACGGTTCACAGTACTGAACCAGACA  
 TGGGTCTGAAGGCTCGTGTGAATGACTCGGAGCGCAACCCCACTGTCGTGCAAGCGCACACTTTCCT  
 TCCAGTACTCCTCAAGAGCAAGGTCACAGCACCCCTGGAGTGCTTTTTCTTCTGCTCAAGGGCCATA  
 CGACGAGTGAGGATCAGTCCTGTTATCTACCCTTTGTCTTACCAATGAGAGCAATGAGACAGACTAT  
 GTGCCGCTGCCATCATCGACTCTGTGGAGTGCAACAAGCTGCTGGCCGCCAAGAACATTAACTGCGGC  
 TCTTCTGTTCCAGATACAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR224678 representing NM\_019396  
 Red=Cloning site Green=Tags(s)

MVSKPRTEWSTVLSHLVLAGVSLHAAVSSVQCTNGHLMCAGCFIHLLADARLKEEQATCPNCRCEISKSL  
 CCRNLAVEKAVSELPSECGFCLRQFPRSLLEHQKEECQDRVTQCKYKRIGCPWHGPFHELTVHEAACAH  
 PTKTGNELMEILDMDQSHRKEMQLYNSIFSLLSFEKIGYTEVQFRPYRTDDFITRLYYETPRFTVLNQT  
 WYLKARVNDSEPNLSCKRTLQSFQLLLSKVTAPLECSFLLKGPYDDVRI SPVIYHFVFTNESNETDY  
 VPLPIIDSVVECNKLLAAKNINLRLFLFQIQK

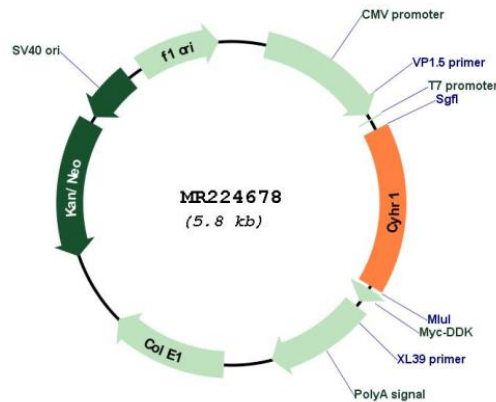
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_019396

ORF Size: 933 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="#">NM_019396.3</a>
<b>RefSeq Size:</b>	1587 bp
<b>RefSeq ORF:</b>	936 bp
<b>Locus ID:</b>	54151
<b>UniProt ID:</b>	<a href="#">Q9QXA1</a>
<b>Cytogenetics:</b>	15 D3
<b>MW:</b>	36.2 kDa