

Product datasheet for MR229770

Cyhr1 (NM_001276321) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cyhr1 (NM_001276321) 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: >MR229770 representing NM_001276321
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCCGGCGCCGAGGAGGCCGGGGTGGCCCGGCTGCAGGGCCCGGGTGCCGTGCCGGCCGGG
TCGGGTAGGGCCGGGCTGGGCTGCCGCGGGCCGGCTGCGCGGCTCTGGCGAGGCGCGGGGCC
CGGGATCCCGACGAGGCGGCCCTGGCCGCGCTCGGCAGCTGCAAGAGGCGGCCGGCGACCCGACGCG
CCGCCAAGAAGCGGCTGCGGGCGGCCGAGGCAGCCGAGGCGGCGCGGCGCAGTGGCAGCGGGCAGTG
GAAAGCTGGAGGAGCGTCTACTCGGTGCTGTGCTGCACCGTGTGCTGGACCTGCCAAGGCTCCGT
GTACCACTGACTAACGGTCACTTATGTCGCTGGCTGTTTTATCCACCTACTAGCAGATGCCCGGCTG
AAGGAGGAGCAGGCCACATGTCCAACCTGCTGTGTGAGATCAGTAAGAGCCTCTGCTGCCGGAACCTGG
CTGTGGAGAAAGCTGTGAGCGAGCTGCCTTCAGAGTGTGGCTTCTGTCTGCGTCAGTCCCTCGCTCCCT
CCTAGAGAGGCACCAGAAAGAGGAATGCCAGGACAGGGTGACACAGTGAAGTACAAGCGTATTGGCTGC
CCGTGGCATGGCCCTTCCATGAGCTGACAGTGCATGAAGCTGCGTGTGCTCACCCGACCAAGACAGGCA
ACGAGCTGATGGAGATCCTCGACGAGATGGACCAGAGCCACCGCAAGGAGATGCAGCTCTACAACAGCAT
CTTCAGCCTGCTCAGCTTTGAGAAGATCGGCTACACAGTCTGGGTGTTGGCCCTTACCTTTGGAGCAGG
GAGCAAGAAGAGCATTCCATCAAGTCAGATCCTGTCTACAGATGTTCACTGAAGGCTACAGAGCCTCCCG
AGGCTGGCAAGAAGCTGTTGGAGACAGGGTCCAGAACAAGCTGAGGGTCTGAGCTCAAACCTGTAGAAC
TGGGAATGGATGCCCAAAATGAGTAAGCTGGACCAGGCCAGGCCACTGGATCTCATGGCTCCCGGGCA
TCTGTACCAGCTCTGAACATGTCGGGAGCAAGAGCCAGGCCACACCTTTGGCCAGAGAACCGAAGCAC
CTGCTGATACTGGGGCCACTCAGGGAACTCCATTCCTCTACTGCTCAGCCTGCGGCAGGTGGCCAGCT
CAGAGCGCCAGGGCAGGCTTGACAGCCAGTCATGCCATGCTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229770 representing NM_001276321
Red=Cloning site Green=Tags(s)

MSGAAEEAGGGGPAAGPAGAVPAGVGVGAGPGAAAGPAAAAALGEAAGPGIPDEAALAGARQLQEAAGDPDA
 PPKKRLRAEAAEAAAAVAAGSGKLEERLYSVLCCTVCLDLPKASVYQCTNGHLMCAGCFIHLADARL
 KEEQATCPNCRCEISKSLCCRNLAWEKAVSELPSECGFCLRQFPRSLRERHQKEECQDRVTQCKYKRIGC
 PWHGPFHELTVHEAACAHPTKTGNELMELDEMDQSHRKEMQLYNSIFSLLSFEKIGYTVVWVFGPYLWST
 EQEEHSIKSDPVYRCSLKATEPPEAGKLFGDRVPEQAEGLSSNCRTGNGCPQMSKLDQARPTGSHGSRA
 SVTSSEHVGSKSQATPWAREHEAPADTGATQGNSIPSTAQPAAGGQLRAPRAGLDSQSCHAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

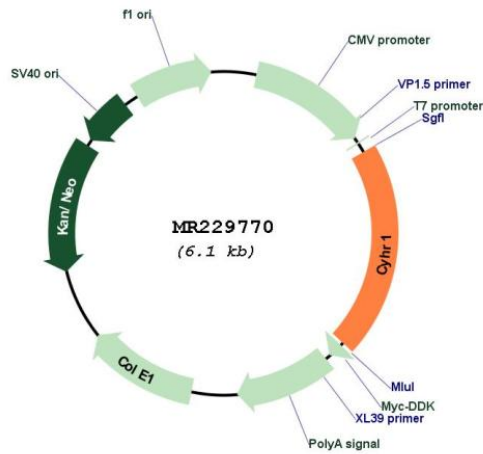
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001276321

ORF Size:	1236 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:	<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:	NM_001276321.1 , NP_001263250.1
RefSeq Size:	1851 bp
RefSeq ORF:	1239 bp
Locus ID:	54151
Cytogenetics:	15 D3
MW:	43.7 kDa