

## Product datasheet for MR213118

### Cfhr1 (NM\_015780) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cfhr1 (NM_015780) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cfhr1
Synonyms:	A1194696; Cfhl1; CFHRB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR213118 representing NM_015780 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGGTCTGTGCGCTGTTGCTCTTAGCTATTGTTCTCCTAACCTCATGGTCTCTACTGCCAAAGGTG  
AAGTGAGCCTTTGTGATTTTCCAAAAAAGACATGGAATACTATATGATGAAAAGAAAAATGAGCCCTT  
TTCCTGTGTTCTTAGTGGGAAGATTTTATACTACTCCTGTGAATATAATTTGTCATCTCCATCAAATTCC  
TTCTGGACTCGCATCACTTGCACAGAATCAGGATGGTCACCAACTCCGAAGTGTCTCAGGCTATGCTTCT  
TTCCTTTTGTGGAAAATGGTAATTCTACATCTTCAGGTCAAACCCATGTAGAAGGTGACATTGTACAAGT  
GGTCTGCAATCAAGGCTACAGCCTTCAAGATAATCAGAGCACCATCACCTGTGCTGAAGAGGGCTGGTCC  
ATTACCCCAAATGCATTTCCACCAATCCAACAGGAAAATGTGGGCCCCCTCCACCTATTGACAATGGAG  
ACATCACCTCCTTGTGCTTACCAGTATATGCATCATTATCATCAGTTGAATATCAGTGCCAGAAGTATTA  
TCTACTTAAAGGAAAATAGACAATAACATGTAGAAATGGAAGTGGTCTGAGCCACCAACCTGTATATAT  
CCAACAGGAAAATGTGGGCCCCCTCCACCTATTGACAATGGAGACATCACCTCCTGTCTACTAGAAAT  
ATGAACCATTATCATCAGTTGAATATCAGTGCCAGAATATTATGACTTAAAGGAAAGAAGACAATAAC  
ATGTAGAAATGGAAGTGGTCTGAGCCACCAACCTGTTTATCTGCATGTGAATATCAGAAGCCATTATG  
GAAAGACATAACATACTTCTCAGATGGAGACAAAGCGAAAAGGTTTATATTCAGTCAGGAGGATATTG  
AGTTTGGATGTAACCTAGATATAAAGAGCAAAGGATCACTGCCATTCGTACACAGTGCAATTAATGG  
TCACATCAATTATCCCACTTGTATGTTAAATCACAATACGTTTATTCAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR213118 representing NM\_015780  
Red=Cloning site Green=Tags(s)

MGFCRLLLLAIVLLTSWFSTAKGEVSLCDFPKIRHGILYDEKKNEPFSVLSGKILYYSCEYNFASPSNS  
 FWTRITCTESGWSPTPKCLRLCFFPFVENGNSTSSGQTHVEGDIQVVCNQGYSLQNNQSTITCAEEGWS  
 ITPKCISTNPTGKCGPPPIDNGDITSLSLPVYASLSSVEYQCQKYLLKGNKTIICRNKGWSEPPTCIY  
 PTGKCGPPPIDNGDITSLSLLEVEPLSSVEYQCQNYVVLKGGKTIICRNKGWSEPPTCLSACVISEAIM  
 ERHNILLRWRQSEKVYIQSGEDIEFGCKPRYKRAKGS�PFRTQCINGHINYPTCMLNHNTFIH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9006\\_b09.zip](https://cdn.origene.com/chromatograms/mm9006_b09.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_015780

**ORF Size:** 1029 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:**
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\\_015780.2](#), [NP\\_056595.1](#)

**RefSeq Size:** 1732 bp

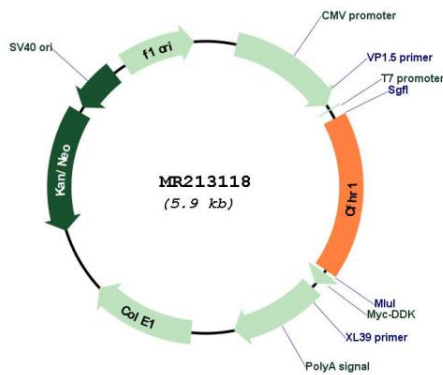
**RefSeq ORF:** 1032 bp

**Locus ID:** 50702

**Cytogenetics:** 1 F

**MW:** 38.9 kDa

**Product images:**



Circular map for MR213118