

## Product datasheet for MR212699

### Cfhr2 (NM\_001025575) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cfhr2 (NM_001025575) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cfhr2
Synonyms:	Cfhrb_4/2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR212699 representing NM_001025575 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

ATGGGGTTCTGCAGCATGTTGCTCTTATCCAATATCCTCCTAACTGCATGGCTTTCTACTGCTAAAGGGG  
AAGAAAAGACATGCTCACCTCCTTATATTCTAAATGGTATCTACACACCTCACAGGATTATACACAAAAG  
TGATGATGAAATCAGATATGAATGTAATTATGGCTTCTATCCTGTAAGTGGATCAACTGTTTCAAAGTGT  
ACACCCACTGGCTGGATCCCTGTTCCAAGATGTACCTTCAAACCATGTGAATTTCCACAATTCAAATATG  
GACGTCTGTATTATGAAGAGAGCCTGAGACCCAACCTCCAGTGTCTATAGGAAATAAGTACAGCTATAA  
GTGTGACAACGGGTTTTACCACCTTCTGGGATTCCTGGGACTACCTTGGTGCACAGCACAAGGGTGG  
GAGCCTGAAGTCCATGCGTCAGGAAATGTGTTTTCCATTATGTGGAGAATGGAGACTCTACATACTGGG  
AAAAAATATATGTGCAGGGTCAGTCTTTAAAAGTCCAGTGTACAATGGCTATAGTCTTCAAATGGTCA  
AGACACAATGACATGTACAGAGAATGGCTGGTCCCCTCCTCCCAAATGCATCCGTATCAACTCAACAAGG  
ACATGTGGGCCTCCTCCACCTATTGACAATGGAGACATCACCTCCTTGTCAATACCAGAATATGAACCAT  
TATCATCAGTTGACTATCAGTGCCAGAAGTATTATCTCCTTAAGGGAAAATAGACAATAACATGTAGAAA  
TGGAAATTGGTCTGAGCCACCAATGTGCTTACATGCATGTGTAATACCAGAAAACATTATGGAAGCACAC  
AATATAATTCTCAAATGGAGACACACTGAAAAGATTTATGCCATTCCAGGGGAGGATATTGAATTTGAAT  
GTAACGTGGATATCAGAAAGCAAGAGGATCACTGCCATTTCTGACAAAGTGCATTAATGGCACCATCAA  
TTATCCCCTTGTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR212699 representing NM\_001025575  
Red=Cloning site Green=Tags(s)

MGFCSMLLLSNILLTAWLSTAKGEEKTCSPPIYLNGIYTPHRIIHKSDDEIRYECNYGFYPTVGTSTVSKC  
 TPTGWIPVPRCTLKPCEFPQFKYGRLYEESLRPNFPVSIKNSYKCDNGFSPPSGYSWDLRCTAQGW  
 EPEVPCVRKCVFHYVENDSTYWEKIYVQGQSLKVKQCYNGYSLQNGQDTMTCTENGWSPPPKCIRINSTR  
 TCGPPPIDNGDITSLSLPEYEPLSSVDYQCQKYLLKGNKTITCRNGNWSEPPMCLHACVIPENIMEAH  
 NIILKWRHTEKIYAHSGEDIEFECKRGYQKARGSLPFRTKCINGTINYPTCV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9072\\_g02.zip](https://cdn.origene.com/chromatograms/mm9072_g02.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001025575

**ORF Size:** 996 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\\_001025575.2](#), [NP\\_001020746.1](#)

**RefSeq Size:** 1619 bp

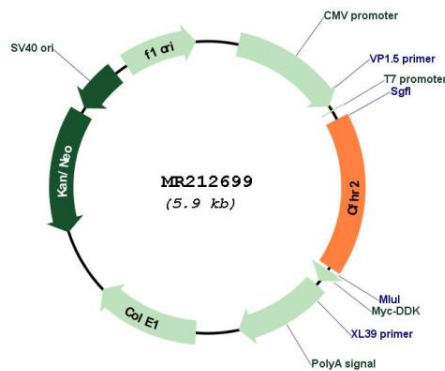
**RefSeq ORF:** 999 bp

**Locus ID:** 545366

**Cytogenetics:** 1 F

**MW:** 37.9 kDa

**Product images:**



Circular map for MR212699