

## Product datasheet for **MR210576**

### **R3hcc1l (NM\_177464) Mouse Tagged ORF Clone**

#### **Product data:**

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                               |
| Product Name:             | R3hcc1l (NM_177464) Mouse Tagged ORF Clone                        |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | R3hcc1l                                                           |
| Synonyms:                 | 1700036B12Rik; AI450607; C10orf28; D19Erttd386e; GIDRP86; Gidrp88 |
| Mammalian Cell Selection: | Neomycin                                                          |
| Vector:                   | pCMV6-Entry (PS100001)                                            |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                              |



[View online »](#)

**ORF Nucleotide  
Sequence:**

>MR210576 representing NM\_177464  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGC**

ATGCAGCAAGAAGCAGAGAGATGTAGAGTTCGAACCAAAAGGCCTGACATGGCACTCTATGTACCTAAAG  
 CTGAAGGGGAACAGCTCTCCTCAAGTCAAGTGACCAGGAGGAAGGCCATGGGCCCTCTGCCTTTGTGCC  
 AAAAGATCAAAAAGAAGTTGTCTTCCCAAGAAGATCTCTGCAAGTAAACCCGAGTCCCAGAGACGAGGT  
 GCAGGCCATTCTGATAGGAAGGATGTTGACTGTAGGGAAGGAAAGAGATCTGCATCACAATAAGGAAAG  
 ACAGGTGCCCACAAAACAGAATAAAGAGAAGGCTTGTCTAAGAAAGGAGCTGAAGAATCCACAGAAGC  
 CTCATCCCAAGAATCAACACAGAGCTCCCGACGCTGGGATTGTATCTAGTATACCTTTACAAAGACTT  
 TTTAAACCAAGGACATGGACTGTTGGGAAGTTCAGACTGCGGGAGCGACAGGACACTGGCGGGTGTCTC  
 CATCTCAGTCTTCTCAGAAGTCAGTGTCTCAGGTTCCAAGCAGACCATTCCAGAATGTGGAAGTCTG  
 TGATTTCAAGTGGGAACTTTTGTAAATAGAAATTTGAAAGCAGCATTGTAAGTGAAGGCCAAAGTTCCA  
 GAGCTAGTCTCCCAATTTCTCAAGTTGTTACCACTCTGCTGAAACCAGATGGTATGGCTATGCCAGTAA  
 CACTAAGTTCTGATTCTGAAACTGCACCATCCAGTCTGGAACACCCAGATGGGATGTCAAAGCACAGTCC  
 TGGGGACATCTCTGTGGTTTCTGTTCTGGAGGTCCAGATGAAGATGTTGATTCACTTTTGTAGACTTT  
 GAAGTTGAGAGTGAGGTACAGTCAACAGTACAGAGTCTGTCTTGGGTCAAAAAGGTGTAGATTCATTCT  
 TTGAGACTGTGGATAACGTTTCTCTTAAATGGCGGTAGTCAGCAAAATTAGAGAGCACAAATGGCACTAT  
 TGATCCAGCAGTGACTAGAGAATGTGAGAGTGACAGCTCTGCTGATGAGTTATGTGTAAGTCTGAACCT  
 TCTGATACAGCGGTCTCTGTCATGAAATAGACACAGATGATGGATTTAGGAATGTATGTGACAGTACCA  
 GCAAGGCTTGTATGGTGGACATTGCAGGTACAGCTTGTGACCCTGTAAGTGAAGGCAGCTCTGTACAGG  
 TGCAGTTGGAGAATCTGGTGAGAGTAGTGGCAACATGAGAAATTTCTCAGATTATATAGAAATGAGTGCA  
 GATGTAGCTCCACTTGATAGAGTAAGAGTGAGAACGACTCTGAAACATTAGCAGCCTAAGTGCTTGCT  
 CAGATATTTATGCTGAGAGTATTGCATCTGGTTTTACAGAGTCAACAGGAAAGTTGATAGAAAGTGTGTC  
 AGATGGTGCTTCTCTTTACCCATAAAGAAGACTGCTGATAGTAATATTGCCACTTGTCTGGACTCTGAA  
 CTGAGTATGTGAGATGCATCAGACGTACTTTTGGAGAGTGCCTTGGGCAGTGATCTGGATACCACTGAGG  
 AGATGACAGAGGCCTTGACGACCTAAAACTGCTGAAGAGTTTAAACAAAAGAGGAAGATTACTCAGA  
 GAGTGTAGTGTGTGGCATATCATTTTCTGATTCATCTGTGGAACATCTGTAGATCTAAAAACAACAGAC  
 ACTTCTCACATACAAGGAAGTAGTGCTGTGGAGGAAAGCTGGGAATCTATGTTTAAATGATGATGGTGATT  
 GTGTAGATCCACGTCTTCTACTAGAGTTATCTGGGAATGTGAAGAACAGAAAAAGCATCCAGGAGCCTAG  
 ATTTGATTATTACAGCCATGAATTCCTGATATTGACCTCAGTGAATGTGAATCCCACATGTCATTGAA  
 ATTTATGATTTTCTCAAGAATTTCTGACAGAAGACCTTTTTCGGGATTTTCTGCAGTTACCAAAAGAAAG  
 GATTTGATATTAAGTGGGTAGATGACACACATGCCTTAGGAGTTTTTCGCCAGCCCAATCACAGCTCGCGA  
 TGCCCTGGGTACTAAACATACCATGGTGAAGATCCGGCCCTTGTACAGGCCACAAGAGCAGCCAAGGCC  
 AAAGCTAGAGCGTGTGCTGAGTTTCTCCAGCCAGCAAAGGAACGACCTGAGACTTCAGCAGCCTTAGCCA  
 GAAGGCTAGTCATCAGTGCCCTTGGGGTTCGAAGCAAACAGAGCAAACTGAACGGGAAGCAGAGCTCAG  
 GAAACTGCAGGAAGCCCGAGAGAGAAAACGGTTGGAAGCCAAGCAACGGGAAGACATCTGGGAAGGCAGA  
 GACCAGTCTGTGGTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR210576 representing NM\_177464  
 Red=Cloning site Green=Tags(s)

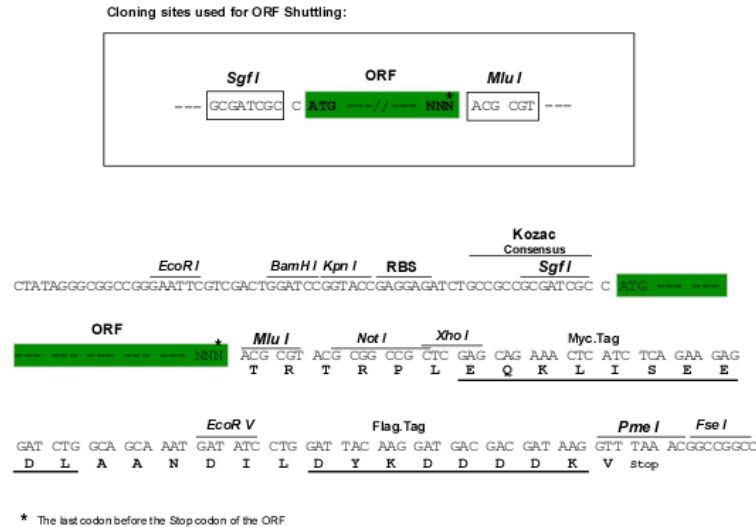
MQQEAERCRVTRKRPDMALYVPKARRGTALLKSSDQEEGHGPPAFVPKDQKEGCLPQKISASKPESQRRG  
 AGHSDRKDVDCREGKRSASQLRKDRCPQKQNKAKACSKKGAEESTEASSQEHQHRAPDAGIVSSIPLQRL  
 FKPKDMDCEVQTAGATGHWVSPSQSSSEVSAAQVPSRPFQNVLCDFSGETFVNRNLESSIVTEAKVP  
 ELVSQFPQVVTLLKPDGMAMPVTLSSDSETAPSSLETPDGMSKHSPGDISVVSVPGGPDEDVDSTFVDF  
 EVESEGTVNSTESVLGQKGVDSILETVDNVSLKMAVVSKESTNGTIDPAVTRECESDSSADELCVKSEP  
 SDTAVLVHEIDTDDGFRNVCDSTSKACMVDIAGTACDPVTEGSSCTGAVGESGESSGNMRNFSYIEMSA  
 DVAPLDRAKSENSENISLSACSDIYAESIASGFTSTGKLIESVSDGASSLPIKKTADSNIATCLDSE  
 LSMSDASDVLLLESALGSDLDTTEEMTEALHDLKTAEEFKTEEDYSESVVCGISFSDSSVETSVDLKTDD  
 TSHIQGSSAVEESWESMFNDGDCVDPRLLELSGNVKNRKSIEPRFDYYSHELDPIDLSECEFPVHIE  
 IYDFPQEFRTEDLLRIFCSYQKKGFDIKWVDDTHALGVFASPITARDALGKHTMVKIRPLSQATRAAKA  
 KARACAEFLQPAKERPETSAAARRLVISALGVRSKQSKTEREAELRKLQEAREKRLEAKQREDIWEGR  
 DQSVV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACCN:           | NM_177464                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ORF Size:       | 2325 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. <a href="#">More info</a> |
| 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_177464.4](#), [NP\\_803415.1](#)

**RefSeq Size:** 3979 bp

**RefSeq ORF:** 2328 bp

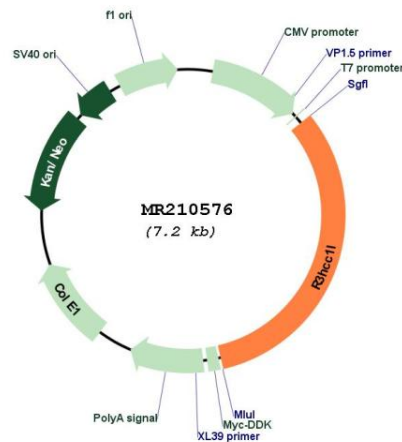
**Locus ID:** 52013

**UniProt ID:** [Q8BJM3](#)

**Cytogenetics:** 19 36.47 cM

**MW:** 84.5 kDa

## Product images:



Circular map for MR210576