

## Product datasheet for **MR214053**

### Cyp2a22 (NM\_001101467) Mouse Tagged ORF Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                           |
| Product Name:             | Cyp2a22 (NM_001101467) Mouse Tagged ORF Clone |
| Tag:                      | Myc-DDK                                       |
| Symbol:                   | Cyp2a22                                       |
| Synonyms:                 | EG233005                                      |
| Mammalian Cell Selection: | Neomycin                                      |
| Vector:                   | pCMV6-Entry (PS100001)                        |
| E. coli Selection:        | Kanamycin (25 ug/mL)                          |



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**ORF Nucleotide Sequence:**

>MR214053 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGGGCTCAGGGCTGCTCCTCGTAGCCATACTGGCCTTCCTGAGTGTGATGGTCTTGGTGTCTGTCT  
 GGCAGCAGAAAATCAGGGGGAAGTTGCCCCAGGACCCATTCTTTGCCTTTCATTGGAAAATACCTGCA  
 ACTGAATAGAAAAGATGTATACAGCTCCATCACACAGCTCCAAGAGCACTATGGCCCTGTGTTCCACCATC  
 CACCTTGGGCCTCGCCGGTTGTGGTGCTATATGGATACGATGCAGTCAAAGAGGCTTTGGAGGACAACG  
 CTGAGGAGTTCAGTGGACGAGGCGAACAGGCCACCTTTAATACACTCTTCAAAGGCTATGGTGTGACATT  
 CAGCAATGGGGAACGAGCCAAACAACACTCAGACGCTTCTCCATAGCCCACTGAAGGATTCGCTTGGGC  
 AAGCGAGGTATGGAGGAGCGCATCCAGGAGGAGGCAGGCTGTTTGTATCAAGATGTGCAGGGCACTGTG  
 GAGCCCCATTGACCCACCATGTACCTGAGCAAAACAGTCTCCAATGTCATTAGCTCCATTGTCTTCGG  
 GGACCGCTTCAACTATGAGGACAAGAGTTCTCTGTCAGTCTGCAGATGATGAGTCAAATGAACCAATTT  
 GCTGCTTCACCCACAGGTCAGCTCTATGACATGTTCCATTCAAGTACCTGCCCGACACAGC  
 AACAGATCATCAAGGATTCTATAAACTGGAAGACTTCATGATACAGAAAAGTGAAGCACAACCACAGTAC  
 CCTGGACCCCAATTCACACGAGGCTTCATTGACTCCTTTCTCATCCACATGCAAAAAGGAGAAAAATTTT  
 AATTGAGATTTTACATGAAGAACCTAGTATGACATCATTGAACCTCTTCTTGGTGGTCTGAGACAG  
 TCAGCTCCTTACTACGATATGGCTTCTGCTACTAATGAAGCATCCAGATGTGGAGGCCAAGGTCCATGA  
 GGAGATTGACCGAGTGATTGGCAGGAACCGACAGCCCCAATATGAGGACCATATGAAGATGCCCTACACC  
 CAGGCTGTGATCCATGAGATCCAGAGATTTTCTAACTTTGCTCCCTTGGGCATTCTCGAAGGATTACCA  
 AGGACTTCTTCCGTGGCTTCTCTCCCAAGGGCACTGATGTGTTCCCTATAATGGGTTCTCTGAT  
 GATAGATCCAAAAGTTCTTCTCTAGCCCCAAAGACTTCAACCCACAGCACTTCTGGATGACAAGGGACAG  
 TTGAAGAAGATCCCTGCTTTTCTGCCCTTTTCCATTGGGAAGCGATCCTGTTTGGGATACAGCCTGGGTA  
 AGATGCAGCTGTTCTGTTCTTACCACCATCTTGCAAGAATTCCGATTCAAATTTCCAAGGAACTAGA  
 AGATATCAATGAGTCCCCCAAACAGAGGGGTTTACCAGGATCATACCAAAGTACACCATGAGCTTCGTG  
 CCCATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAA**ACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT**  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR214053 protein sequence  
 Red=Cloning site Green=Tags(s)

MLGSGLLLVAAILAFLSVMVLVSVWQKIRGKLPPIPLPFIIGNYLQNRKDVYSSITQLQEYHGPVFTI  
 HLGPRRVVLYGYDAVKEALEDNAEEFSGRGEQATFNTLFGYGVTFNGERAKQLRRFSIATLKDFGLG  
 KRGMEERIQEEAGCLIKMLQGTGAPIDPTMYLSKTVSNVISSIVFGDRFNEDKEFLSLLQMSQMNQF  
 AASPTGQLYDMFHSVMKYLPGPQQQIKDASHKLEDFMIQKVKHNHSTLDPNSPRGFIDSFLIHMQKEKNF  
 NSEFHMKNLVMTSLNLFAGSETVSSLLRYGFLLLMKHPDVEAKVHEEIDRVIGRNRQPQYEDHMKMPYT  
 QAVIHEIQRFNSFAPLGIPRRITKDTSFRRGFFLPKGTDFPIMGSLMIDPKFFSSPKDFNPQHFLDDKGQ  
 LKKIPAFLPFSIGKRSCLGYSLGKMQFLFFTTILQNRFRKFPKLEIDINESPKPEGFTRIIPKYTMSFV  
 PI

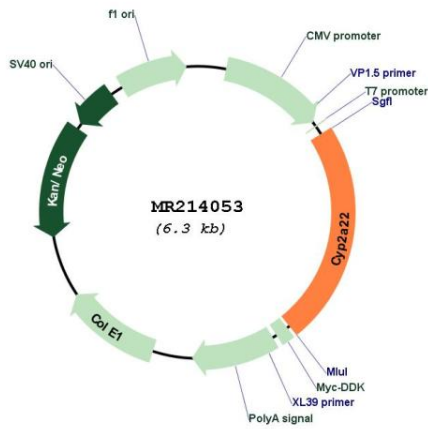
**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul



Product images:



Circular map for MR214053