

## Product datasheet for **MC220394**

### **Ecm2 (NM\_001012324) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ecm2 (NM_001012324) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ecm2
Synonyms:	9030618O22Rik; BC065151; tenonectin
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220394 representing NM\_001012324  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAAGCTAGCAGTGTGTTTTGTTTCATTCTGCTTATTGTTCTTCAAAGTATTGTGAACGAGGTTACTA  
 GGAGGCAAAGGAGAAGGATGCATCAGAGAAGACTCAGGAAAAGCTTTCATTCCACTCAGAGCCAACAG  
 GCAGCTTGAAGTTCAGCAAACCACTGCTGCTCCAGATGCTAGACTACCCACTGCCAACTCTGATTACAGT  
 GTGGAAGAAAACATAGAATCGCTTCTAAGTAATCTTGGAGTAGAATCAAGTTACAGTGTTTTACCAGGAA  
 AGAAAGGATACTGCTTTGTAAGGGCATGATCATGTACAACAAAGCTGTCTGGTCTCCTGAGCCCTGCAC  
 CACCTGCCTCTGCTCAAATGGAAGAGTGTCTTGTGATGAAACCGAGTGCCACCCCAAGGCGTGCCCTAT  
 ACCATTAACCGAAGGAGAGTGTGCCCATCTGCTCTGATGCTGAACAAGAATCCATTAACAACTTC  
 ACAAGCAAGTGCCACCTCCTCAGATGGAATGGACCAAGTAGCCATAAAAAGAAGCTTTCATCTGAGGA  
 GGATGAAGAGATAGCTGAAGGACACAAGGAGCACAAGAAAGAGACCTCAGTGCCTACTAAGTCCATGGC  
 GATGGGAAAGAACTGAGAGAAAAGTGGAGGCGGAGAAAGAGGAGGTCAGCACATCAACCACTCTACC  
 ATGGAAGAAGGGAGGAAGAGGAGAGCAAGGAGGAGACTGAGAGGGAAGGAGAGGGAAGAGGAGGAGGA  
 GGAAGAAGAAGAGAGGATGCTATAAGAGGAGATGTGTTGAGAATGTCTCCCGGTAATTCCTGGAACC  
 CCAAGAGGCAGGCCACGTCTGCCAGAAGCTGTCCCTGTCTACAGGACTATCAGCTGCCTTATGCGAG  
 ACTTCACTGAGATCCCACCAATAACAGCACCAGAAGTAACGAACCTGGAGTTGGTTGGGAATTCGATCAT  
 CTCCATTCGGGATGAAGCATTTAATGGATTACCAATTTGGAAAGACTTGATCTGAGCAGAAATAATATC  
 ACTTCTTCGGGCATAGGTCCAAAAGCATTCAAGTCTTTGAAGAAGTTAATGCGTCTGAACATGGATGGAA  
 ATAATTTGGTACATATTCCTTCAGACTACCCTACACTAGAAGAAGTAAAATAAATGACAACAATCT  
 CCAGGCTATCGATGAGAAAAGTTTATCAGACTTAAATCAACTTGCACTTTAGAATTGGAAGGAAACAAT  
 CTCAGTGAATCAATGTCGACCCTCTAGCTTTCCAATCTTTGGAAAGTCTATCGTATCTACGTCTGGGAA  
 GAAACAAATTTAGAATCATACCACAAGGTCTTCTGCTCTACTGAGGAGTTATACCTAGAAAATAATCA  
 AATTGAAGAAATAACTGAAATTTGTTTCAATCATACCAGAAAGATAACTATGATCATTCTACGTTACAAT  
 AAAATAGAAGAAAGTCGGATTGCTCCTTTAGCATGGATAAATCAAGAAAATCTTGAATCTATTGACCTGT  
 CCTATAACAAGCTCTACCAGTCCCTCCTACCTACCCAAATCTCTTCTGCACCTGTCTAATTGGGAA  
 CCAATCGATCGGATCCCTGGCTATGTGTTGGCCACATGCAACCAGGCTGGAGTACTTGTACCTGTCA  
 TTTAACAGACTTCTGATGATGGTGTGGACCTAGTCTCGTTCTATGGAGCATATCATTCTCTGAGAGAAT  
 TATTTCTGGATACAATGACTTCAAATCTATACCACCTGGAATACAAGACATGAAAGCACTGCATTTTCT  
 GAGGCTGAACAACAATAAGATTCGGAATATTCCTGAGCAAATCTGCAATGCTGAAGAGGATGAGGAC  
 TCAGCTCTCGAGCATCTTCATCTTGAAAACAATTATATTAGAAGTACAGAGATATCATCCTATGCATTTT  
 CATGCATAAGACTGTATTCAAGTATTGTTCTTAAACCACAACACATCAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001012324
- Insert Size:** 2013 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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\\_001012324.2](#), [NP\\_001012324.1](#)

**RefSeq Size:** 3626 bp

**RefSeq ORF:** 2013 bp

**Locus ID:** 407800

**UniProt ID:** [Q5FW85](#)

**Cytogenetics:** 13 A5

**Gene Summary:** Promotes matrix assembly and cell adhesiveness.[UniProtKB/Swiss-Prot Function]