

## Product datasheet for **MG206186**

### Rcor3 (NM\_144814) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rcor3 (NM\_144814) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Rcor3  
**Synonyms:** 4921514E24Rik; C730034D20Rik; E130101E15Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG206186 representing NM\_144814  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGAGTCGGAGCTGAATACCAAGCTCGGATCCCTGAATTCGATCCAGGTGCTACCAAGTACACAGATA  
AAGACAATGGAGGCATGCTTGTGTGGTCTCCTTATCACAGTATCCAGATGCCAAATTGGATGAATATAT  
CGCCATTGCAAAAGAGAAACATGGCTACAATGTTGAACAGGCGCTTGGCATGTTGTTCTGGCATAAACAC  
AACATTGAGAAGTCCCTTGGGACCTCCCTAATTACAGCCCTTCCGGATGAGTGGACAGTGGAAAGACA  
AAGTCCTGTTTGAACAAGCCTTTAGTTTTTCATGGGAAGAGCTTTCACAGGATTCAGCAAATGCTTCCAGA  
TAAGACAATTGCAAGTCTTGAAAGTACTATTCTTGGAAAAAACTCGCTCAAGGACAAGTTTGATG  
GATCGCCAGGCTCGTAACTAGCCAATAGACACAATCAGGGTGACAGTGATGATGACGTAGAAGAAGCTC  
ACCCCATGGATGGAAACGACAGTACTACGACCCAAAGAAAGGCAAAAGAGAGGGTAACGCTGACCA  
GCCGGTCCAAACCAGCAAGATCGGCCTGGGCCGGAGAGTACCAGAGTCTGCAGCACCGCCACCACTCT  
CAGCGCTCCAAGTGGCCCTCCTAAGGGCATGTATCTAACCCAGGAGGAGTGGTGGCTGTCTCCTGCA  
GCCCAACGCAGCCAACACCATCCTGAGGCAACTGGACATGGAGCTGATCTCTCAAGCGCCAGGTTCA  
GAATGCTAAGCAAGTAAACAGTGCACCTAAGCAGAAAAATGGAAGTGGAATTGAAGAGTTCAAACCGCT  
GAGGCACAGACCCACAGGCTCCTCGGACTCTGGTCCATCACCTCCTGCCCCATCATCCACTCCAACAC  
CAACAGTCCCCATTGCCACTCTGAACAGCCTCCACCCTTCTTCGTCCAACTGCTGCCGCCCTGC  
TCTTACCAGACAACCTCCTCCACTCCAGCAGCAGGCTCGGTTTCATCCAGCCCCGGCCAACCTCAATCAG  
CCTCCTCCACCTCTATTGCGCCGTGCTAACTCCATGCCACCCCGCTAAACCCAAGACCAGTGTGACCA  
CGGTTGGCGGTCAGCAGCCACCTTCACTCATTGGGATTCAGACAGATTCACAGCCTTCACTGCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

**Protein Sequence:** >MG206186 representing NM\_144814  
Red=Cloning site Green=Tags(s)

MRVGAEYQARIPEFDPGATKYTDKDNNGMLVWSPYHSIPDAKLDEYIAIAKEKHGYNVEQALGMLFWHKH  
 NIEKSLADLPNFTPFPDEWTVEDKVLFEQAFSFHGKSFHRIQQMLPDKTIASLVKYYYYSWKTRSRISLM  
 DRQARKLANRHNQGDSDDDVVEEAHPMDGNDSDYDPKKEAKREGNADQPVTQSKIGLGRREYQSLQHRHHS  
 QRSKCRPPKGMYL TQEDVVAVSCLPNAANTILRQLDMELISLKRQVQNAKQVNSALKQKMEGGIEEFKPP  
 EAQTPQAPRTLGPSPAPSSTPTPTVPIATLNQPPPLLRLRPTLPAAPALHRQPPLLQQQARFIQPRPTLNQ  
 PPPPLIRPANSMPRLNPRPVLTTVGGQQPPSLIGIQTDSQPSLH

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_144814

**ORF Size:** 3771 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\\_144814.2](#)

**RefSeq Size:** 1624 bp

**RefSeq ORF:** 1356 bp

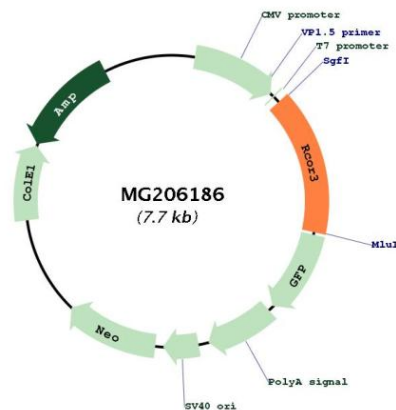
**Locus ID:** 214742

**UniProt ID:** [Q6PGA0](#)

**Cytogenetics:** 1 H6

**Gene Summary:** May act as a component of a corepressor complex that represses transcription.  
[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MG206186