

## Product datasheet for MC224206

### Synj1 (NM\_001045515) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Synj1 (NM\_001045515) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Synj1  
**Synonyms:** A930006D20Rik; AA675315; mKIAA0910  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC224206 representing NM\_001045515  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGTTCAGCAAAGGATTTTGAATCTACCACAAATGGATCCCCACCGTTCAGCCTCATAGTGGAAA  
 CTAGGCATAAGGAAGAATGTCTCATGTTTCGAGTCTGGGGCTGTGGCTGTGCTCTCATCTGCAGAAAAGGA  
 GGCTATTAAGGCACATATGCCAAAGTACTGGATGCATACGGACTTTTGGGAGTTTACGATTAATCTT  
 GGTGATACCATGCTGCACTATCTGGTCTAGTCACTGGATGCATGTCTGTGGGAAAAATCCAAGAATCTG  
 AAGTTTTCCGAGTTACTTCCACTGAGTTTATATCATTGCGAGTTGATGCTTCAGATGAGGACCGCATTTC  
 GGAAGTACGAAAAGTTTTGAACTCGGAAAACCTTTATTTTGCATGGTCTGCATCTGGAGTCAGCTTAGAT  
 CTGAGTCTGAATGCACATCGAAGCATGCAAGAGCACACAACCGACAATAGGTTTTTCTGGAATCAGTCTC  
 TGCATTTGCATCTCAAGCACTATGGTGTGAACTGCGATGACTGGTTATTACGGCTCATGTGTGGGGGAGT  
 AGAGATTAGAACCATTTATGCTGCCATAAACAGGCAAAAGCTTGCCATCTCAAGACTAAGCTGTGAA  
 CGAGCTGGGACAAGGTTCAATGTCCGGGAACCAACGATGATGGTCATGTTGCCAACTTTGTAGAGACAG  
 AGCAGTTATATACTTAGATGACTGTCTCTTCTTTCATACAAATCCGAGGATCTGTTCCATTGTCTG  
 GGAGCAACCAGGTTGCAAGTGGGATCCCATCGTGTTCGTATGTCAAGGGGATTTGAAGCCAATCGCCCT  
 GCCTTTGACAGGCATTTCCGAACACTTAAAGGACTTATATGGTAAACAGATAGTAGTGAATCTGCTTGGGT  
 CTAAGGAAGGCGAGCATAATGCTGAGCAAGGCTTTCCAGAGTCATTTAAAAGCCTCTGAACACGCTTCTGA  
 TATCCACATGGTGTCTTTTACTATCATCAAAATGGTTAAAGGAGGAAAGGCAGAAAAACTACACAGTATT  
 CTCAAACCACAAGTCCAGAAGTTCTAGATTATGGATTTTTTTATTTTCGATGGCAGTGAAGTTCAAAGGT  
 GCCAGAGTGGTACAGTTCGAACAACTGCTTGGATTGTCTGGATAGAACAATAGTGTGCAGGCATTCTCT  
 TGGCTTAGAGATGCTCGTAAGCAGCTGGAAGCTCTGGGCTTGGCTGAGAAGCCTCAGCTGGTGACCCGC  
 TTCCAAGAAGTTTTCCGGTCCATGTGGTCTGTGAATGGCGACTCAATCAGTAAAAATATATGCAGGCACCG  
 GGCCCTGGAAGGGAAGGCCAAGTTAAAAGATGGTGCAGGATCTGTACCAGAACCATCCAGAATAACTT  
 CTTTCGACAGCTCAAGCAGGAAGCCATTGATGTCTGCTCCTGGGAAATACTCTCAACAGCGATTAGCT  
 GACAAAGCCCGAGCGCTTCTAACTACTGGAAGTTTGCCTGTTTCTGAACAGACATTACAGTCAGCATCTT



[View online »](#)

CCAAAGTCTTAAAGAACATGTGTGAGAACTTCTACAAATACTCAAAGCCCAAGAAGATCCGAGTGTGTGT  
 TGGCACCTGGAATGTGAACGGCGGGAAGCAGTTCGCGAGCATAGCGTTCAAGAACCAGACGCTCACAGAC  
 TGGCTTCTGGACGCTCCCAAGTTAGCCGGCATCCAGGAGTTTCAAGATAAGAGAAGTAAGCCAACCTGATA  
 TATTTGCAATTGGCTTTGAAGAAATGGTGGAGCTGAATGCTGGGAACATTGTGAATGCAAGCACAAACAA  
 CCAGAAGCTGTGGCAGTGGAGCTGCAGAAGACCATCTCCAGGGACAACAAGTATGTCCTGCTGGCCTCG  
 GAGCAGCTGGTGGGTGTCTGCCTGTTTGTCTTTATCAGACCACAGCAGCTCCTTTTATCAGGGATGTTG  
 CAGTTGATACTGTGAAAACCTGGCATGGGAGGTGCAACTGGAAACAAGGGCGCCGTTGCAATTCGGATGCT  
 CTTCACACCACCAGCCTTTGCTTCGTCTGCAGCCACTTTGCTGCAGGGCAGTCCCAAGTCAAAGAGAGA  
 AATGAAGATTTTGTAGAAATAGCACGAAAACCTGAGTTTCCCATGGGACGAATGCTCTTCTCCCATGACT  
 ATGATTTTGGTGTGGTATTCAACTATCGAATTGACCTTCCGAATGAAGAGGTTAAAGAGCTCATAAG  
 ACAACAAAACCTGGGATTCTGTATCGTGGGGATCAGCTCATCAACCAGAAAAATGCAGGACAGATCTTT  
 AGAGGATCTTAGAGGGAAAAGTAACTGTTGCTCCAACCTATAAATATGACTTGTCTTCTGAAGACTATG  
 ACACCAGTGAGAAGTGTGCACCCCTGCTTGGACAGACCGTGTCTCTGGAGAAGGAGGAAGTGGCCTTT  
 TGACAGATCAGCTGAAGATTTAGATCTCCTGAATGCTAGTTTCCAAGTAAAAGTAAAATCTTTATACA  
 TGGACCCCTGGCACCTTGTGCACTATGGAAGAGCCGAGCTGAAGACTTCTGACCATAGGCCCGTCTTG  
 CCTTGATTGACATAGATATATTTGAAGTTGAAGCTGAAGAGAGACAAAAATTTATAAAGAGTTATTGC  
 CGTCCAGGGCCACCAGATGGCAGAGTGGTCTCAATCAAAGTTCTGCACAAGAAAGTACTTTTTTT  
 GATGATGCTTTGATTGATGAGCTTCTGCGGCAGTTGCACACTTTGGTGAAGTTATACTCATAAGATTTG  
 TAGAAGATAAAATGTGGGTTACATTTTTGGAGGGAAGCTCTGCCTTGAATGCTCTGAGCCTAAATGGGAA  
 AGAGCTATTAATCGGACTATAACAATTACTTTAAAAAGTCCAGACTGGATCAAACATTTGGAAGAAGAG  
 ATGAGTTTAGAGAAAATCAGTGTACGTTGCCCTCATCAGCAAGCTCCACCCTGCTTGGTGAAGACGCAG  
 AGGTGCGCAGCAGACTTTGACATGGAAGGTGACGTGATGACTACAGCGCTGAAGTAGAGGAGCTTCTTCC  
 TCAGCATCTGCAGCCCTCCTCAAGTTCTGGCCTGGGCACCTTCTCCAAGTTCTTCAACCCGGACCACTCC  
 TGCCAGTCCCCACAGTACCAGAGTACTCCGCCCTTCTCTTCCCATCAGACCTAGCCGAGCACCCTCAA  
 GAACTCCAGGACCTCAAAGTTTCGAGGGCTCTCCAGTTGACACTCAGCCAGCGGCCAGAAAGGATTCTTC  
 CCAGACTCTAGAGCCCAAGAGACCACCCCTCCCCGCCAGTCTGCTCCTCCGGCACGTCCTGCCCAACA  
 CAGAGACCACCTCCACCTCAGGGGCTAGGAGTCTGCGCTGCTAGAAAAGAAATTTGGAGGTGTTGGAG  
 CCCCTCCAGTCCCGGGTGTAGGAGAGAGATAAGAAGCACCCAAAAGCCCTGGAACAGCACGGAAAGA  
 TAATATAGGGCGTAATCAGCCTTCCCCTCAAGCCGGACTTGCAGGCCAGGACCCGCTGGATACGGTGGC  
 GCTAGACCGACAATTCAGCTCGTGTGGAGTATCAGCGCCCTCAGAGCCAGGCTCGGGTATGTGCTG  
 GAAGGCCGACTCTGACAGCCAAAGCAAGCCCTCGGAGACATTGAAAGGTCTGTGCTTCCAGAAC  
 ACTGAAGCCTCAGGCTGATTTCTCAGCAGCCTTCTCTGCCACACCTGCTCAAAGTTACAGGACCCG  
 CTTGTCCCATAGCAGCCTACTATGCCTCCCTCTGGCCCCAACCAAAATTTGGAACCCCCCACAGC  
 CCCCACCTCGGAGCAGGTATCTCAAAGCTTGCCTTCAAGTCTCTCACCACAGCTGCAGCAGGAGCAACC  
 AACAGGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001045515
- Insert Size:** 3930 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\\_001045515.1](#), [NP\\_001038980.1](#)

**RefSeq Size:** 7012 bp

**RefSeq ORF:** 3930 bp

**Locus ID:** 104015

**Cytogenetics:** 16 C3.3