

## Product datasheet for **MC223890**

### Cgn (NM\_001037711) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cgn (NM\_001037711) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cgn  
**Synonyms:** 6330408J11Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223890 representing NM\_001037711  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATGGCTGATCCCCGGGGCCCCGTAGACCATGGAGTCAAATTCGATTTATTACAGAGCCAGAGGGTG  
CTACTGAAATGGGCACCCTTCGTCGTAGTGGCGGCCCTGCAAGGGATGCAAGAGCCAGTACCTATGG  
GGTCGCTGTGCGTGTGCAGGGCATCGCCGGGCAACCGTTTGTGGTTCTTAACAGTGGAGAGAAAGGGACT  
GACTCCTTTGGGTCCAGATCAAAGGGGCAACAACCGGGGTCCCCAGGTGCAGTGCAGTCCGATTTCAG  
AGCTCCCCGAAAACCCCTACTCTCAAGTCAAGGACGCCCTGCCACTTCTCGGAGCAGCAGCATCTGATGA  
GGAGCCCAAGGACCCTTGAATGGAAAAGTATCCGTTCCAGTCGCAAGCCTCTCTGACCGGGCTTGCC  
TTTATGAGTCTAGTAATAGGAGCACCAGCTTGTGGAAGTACGCCCTAAACCGACTTCTCGATTAACA  
CCATTGACTGCCCCCTTGTCTTCAGTGGACTCGCTCATCAACAAGTTTGATAGTCAGAAGGGGGGCA  
GGTCCGGGGTCCGACTGGGCGCCGCACAAGGACTTCCCCACGAACAGCGCAAGCGGAGCCAGAGTCTG  
GACAGCAGGCTCCACGGGATACAGTGGGAACGGGAGCACCAGTCCGCTAACCATGGACCCCGGGCA  
CAAAGTATGACAACCATGTGGACAGTTCAAAGAACCATCGCAGAAGCAGAGCCCGTTTCAGCAGTTCAG  
CCGTTTCGCGTCAGACTCAAGACTGGGTGCTTCAGAGTTTTGAGGAGACACGGGATCCAGCCATGGTGCAG  
TTCAAATCAACTCCAGACCTTCTCAGAGACCAGAGAGAGACAGGCCACCAGGCAGTGCGGACCATGTGA  
AGGCCACCATCTATGGCATCCTAAGGGAGGGAAGCTCGGAGAGTGGGCATCTGTGAGGAGGAAAGTTAG  
TTTGGTCTGGAGCAAATGCAGCCTCTGGGGATGGTTTCTCCTGCTTCTACCAAGCCCTGGCAGGACAG  
GCTGAGCTTACCCGAAAATGGAGGAATTCAGAAGAAGCTGGATGAGGAGGTGAAGAAGCGGCAGAAGC  
TAGAACCATCCAGGGTTGGGCTGGAGAGGCAGCTGGAGGAGAAGGCTGAAGAGTGCCACCGACTGCAGGA  
GTTGCTGGAGAGGAGAAAGGGGAGGTCCAGCAGAGCAGCAAGGAATTCAGAACATGAAGTCTCTGCTA  
GGCCAGGAAGAAGGACTACGGCATGGGCTGGAGGCCAGGTGAAGGAGCTACAGCTTAAGCTCAAGCATA  
GCCAGAGTCCCGATTCTGGAAAGGAAAGTCTCCTAAAGGACTTGTTAGACACCCGGGAATCTTAGAAGA  
ACTCTTAGAGGGCAAACAACGAGTAGAGGAGCAGCTCAGGCTGAGGGAACGGGAGCTGACAGCCCTGAAG  
GGGGCCCTGAAAGAGGAGGTGGCCTCCACGACCAGGAGGTGGAACATGTCCGGTGCAGTACCAGCGAG



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ACACGGAGCAGCTTCGCCGGAGCATGCAAGATGCGACCCAGGACCATGCTGCACTGGAGGCTGAGAGGCA  
 GAAGATGTCTTCCTCGTGCGGGAGCTGCAAAGAGAGCTAGAGGAGACCTCTGAGGAGACAGGGCATTGG  
 CAGAGCATGTTCCAGAAGAAAGGAAGAGCTGAGAGCCACCAAGCAGGAACTGCTGCAACTGCGGATGG  
 AGAAGGAGGAGATGGAAGAGGAACCTGGGGAGAAGATGGAGGTCTTACAGAGGGACTTAGAGCAGGCCCC  
 AGCCAGTACAAGAGATACTACCAGGTTGAGGAACTTAAAAAGGAGCTTCGACGCACCCAGGGGAGCTT  
 AAAGAGCTTCAGGCAGAGCAGCAGAACCAGGAGGTGACTGGGCGACACCAGAACCAGGTGTTAGAGAAGC  
 AGCTGGCAGCGCTGAGGGAGGAGGCTGATCGAGGCCGAGAGCTGGAGCAGCAGAACCCTCCAGCTACAAA  
 GACCCCTGCAGCAACTGCGGCAGGACTGTGAAGAGGCTTCCAAGGCTAAGGTGGCATCAGAGACAGAGGCC  
 ATGGTGTGGGGCAGCGTCGGGCAACCGTGGAACCACACTTCGGGAGACACAAGAGGAAAAATGACGAAT  
 TCCGAAGGCGCATCCTGGGTCTGGAGCAGCAGTTGAAGGAGGCCCGAGGTCTGGCGGAAGGTGGGAAGC  
 GGTGGAGGCACGGCTTCGGGACAAAGTGCATCGGCTGGAGGTAGAGAAACAGCAGCTGGAAGAGGCTTTG  
 AATGCTGCCCGGAGGAGGAGGGAAACCTGGCAGCAGCCAAGCGGGCTCTGGAGTCCGGCTAGATGAGG  
 CCCAGCGGGGCTGGCACGCCTTGGGCAGGAACAGCAAGCACTGAACCGGGCCCTAGAGGAAGAGGGGAA  
 GCAGCGGGAGGCTCTCCGAGGAGCAAGGCAGAGTTGGAGGAGCAGAAGCGTTTGTGAACAGGACTGTA  
 GACCGACTCAACAAAGAGCTGGAGCAGATTGGGGATGACTCCAAGCTAGCCCTGCAGCAGCTCCAGGCTC  
 AGATGGAAGATTACAAGGAAAAGGCCCGGAAGGAAGTAGCTGATGCCAGCGTCAGGCCAAGGATTGGGC  
 CAGTGAGGCTGAAAAGAATTAGGGGGGCTGAGCCGGCTTCAGGATGAGCTGCAAAGGCTGCGGCAAGCC  
 CTGCAGACATCCCAGGCTGAGCGGGACACAGCCAGGCTGGACAAAGAGCTGCTGGCCAGCGACTGCAGG  
 GTCTAGAGCAAGAGGCTGAGAACAAGAAACGCTTCCAGGACGACAAGGCTCGACAGCTGAAGAGCCTAGA  
 GGAGAAAGTCTCGCGGCTGGAAGCGGAGTTAGATGAAGAAAAGAACACTGTGAACTGTTAACAGATCGG  
 GTGAACCGTGGCCGGATCAGGTGGATCAACTGAGGACAGAGCTCATGCAGGAGAGATCTGCTCGACAGG  
 ACTTGGAGTGTGACAAAATCTCCTTGGAGAGACAGAACAAGGATTTGAAGACCCGGTTGGCCAGTTCAGA  
 GGGCTTCCAGAAAACCCAGCGCTAGCCTCTCCAGCTTGTAGTCCCAGAATCAGCTGCTGCAAGAGCGGCTG  
 CAAGTGAAGAGAGAGAGAAGACAGTTCTGCAGTCCACCAATCGCAAACCTAGAACGAGGGTTAAGGAGC  
 TCTCCATCCAGATTGATGATGAACGCGCAGCATGTCAACGACCAGAAGACCAGCTAACCTGAGGGTGAA  
 GGCTTTGAAGCGGCAGGTGGATGAAGCAGAAGAGGAAAATTGAGCGGCTGGACAGCCTGAGGAAGAAGGCA  
 CAGCGGAACTGGAGGAACAGCATGAGGTCAATGAACAGCTCCAAGCCCGGATCAATCCTTGGAAAAGG  
 ATGCTGGCGGAAAGCTTCCGCTCAGCTGCTGAGTCAGCCCTCAACAAGAGGGGCTGAGCTCTGATGA  
 GGAGTTTGACAACGTCTACGACCCCTCATCCATTGCATCACTGCTTACTGAGAGCAACCTGCAGACTAGC  
 TCATGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001037711
- Insert Size:** 3579 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\_001037711.2, NP\_001032800.2

**RefSeq Size:** 5039 bp

**RefSeq ORF:** 3579 bp

**Locus ID:** 70737

**Cytogenetics:** 3 40.74 cM