

Product datasheet for **MC229454**

Cgn (NM_001293727) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cgn (NM_001293727) 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: >MC229454 representing NM_001293727
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGGCTGATCCCCGGGGCCCCGTAGACCATGGAGTCAAATTCGATTTATTACAGAGCCAGAGGGTG
CTACTGAAATGGGCACCCTTCGTCGTAGTGGCGGCGCCCTGCAAGGGATGCAAGAGCCAGTACCTATGG
GGTCGCTGTGCGTGTGCAGGGCATCGCCGGGCAACCGTTTGTGGTTCTTAACAGTGGAGAGAAAGGGACT
GACTCCTTTGGGGTCCAGATCAAAGGGGCAACAACCGGGGTCCCCAGGTGCAGTGCAGTCCGATTTCAG
AGCTCCCCGAAAACCCCTACTCTCAAGTCAAGGACGCCCTGCCACTTCTCGGAGCAGCAGCATCTGATGA
GGAGCCCAAGGACCCTTGAATGGAAAAGTATCCGTTCCAGTCGCAAGCCTCTCTGACCGGGCTTGCC
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GGTCCGGGGTCCGACTGGGCGCCGCACAAGGACTTCCCCACGAACAGCGCAAGCGGAGCCAGAGTCTG
GACAGCAGGCTCCACGGGATACAGTGGGAACGGGAGCACCAGTCCGCTAACCATGGACCCCGGGCA
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CCGTTTCGCGTCAGACTCAAGACTGGGTGCTTCAGAGTTTTGAGGAGACACGGGATCCAGCCATGGTGCAG
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GGTCCAGCAGAGCAGCAAGGAACCTCAGAACATGAAGCTCCTGCTAGGCCAGGAAGAAGGACTACGGCAT
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AGAGGAGCAGCTCAGGCTGAGGGAACGGGAGCTGACAGCCCTGAAGGGGGCCCTGAAAGAGGAGGTGGCC
TCCACGACCAGGAGGTGGAACATGTCCGGCTGCAGTACCAGCGAGACACGGAGCAGCTTCGCCGGAGCA



TGCAAGATGCGACCCAGGACCATGCTGCACTGGAGGCTGAGAGGCAGAAGATGTCTTCCCTCGTGCGGGA
 GCTGCAAAGAGAGCTAGAGGAGACCTCTGAGGAGACAGGGCATTGGCAGAGCATGTTCCAGAAGAACAAG
 GAAGAGCTGAGAGCCACCAAGCAGGAAGTCTGCAACTGCGGATGGAGAAGGAGGAGATGGAAGAGGAAC
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 AACCAGGAGGTGACTGGGCGACACCAGAACCAGGTGTTAGAGAAGCAGCTGGCAGCGCTGAGGGAGGAG
 CTGTGAAGAGGCTTCCAAGGCTAAGGTGGCATCAGAGACAGAGGCCATGGTGCTGGGGCAGCGTCGGGCA
 ACCGTGGAACCACACTTCGGGAGACACAAGAGAAAATGACGAATTCCGAAGGCGCATCTGGGTCTGG
 AGCAGCAGTTGAAGGAGGCCGAGGTCTGGCGAAGGTGGGAAGCGGTGGAGGCACGGCTTCGGGACAA
 AGTGCATCGGCTGGAGGTAGAGAAACAGCAGCTGGAAGAGGCTTTGAATGCTGCCGGGAGGAGGAGGG
 AACCTGGCAGCAGCAAGCGGGCTCTGGAGGTCCGGCTAGATGAGGCCAGCGGGGGCTGGCAGCCTTG
 GGCAGGAACAGCAAGCACTGAACCGGGCCCTAGAGGAAGAGGGGAAGCAGCGGGAGGCTCTCCGAGGAG
 CAAGGCAGAGTTGGAGGAGCAGAAGCGTTTGTGAACAGGACTGTAGACCGACTCAACAAGAGCTGGAG
 CAGATTGGGGATGACTCCAAGCTAGCCCTGCAGCAGCTCCAGGCTCAGATGGAAGATTACAAGAAAAGG
 CCCGGAAGGAAGTAGCTGATGCCAGCGTCAGGCCAAGGATTGGGCCAGTGAGGCTGAAAAGAATTCAGG
 GGGGCTGAGCCGGCTTCAGGATGAGCTGCAAAGGCTGCGCAAGCCCTGCAGACATCCAGGCTGAGCGG
 GACACAGCCAGGCTGGACAAAGAGCTGCTGGCCAGCGACTGCAGGGTCTAGAGCAAGAGGCTGAGAACA
 AGAAACGCTTCCAGGACGACAAGGCTCGACAGCTGAAGAGCCTAGAGGAGAAAAGTCTCGCGGCTGGAAGC
 GGAGTTAGATGAAGAAAAGAACTGTGGAAGTGTAAACAGATCGGGTGAACCGTGGCCGGGATCAGGTG
 GATCAACTGAGGACAGAGCTCATGCAGGAGAGATCTGCTCGACAGGACTTGGAGTGTGACAAAATCTCT
 TGGAGAGACAGAAACAAGGATTTGAAGACCCGGTTGGCCAGTTCAGAGGGCTTCCAGAAACCCAGCGCTAG
 CCTCTCCAGCTTGAGTCCCAGAATCAGCTGCTGCAAGAGCGGCTGCAAGCTGAAGAGAGAGAGAAGACA
 GTTCTGCAGTCCCAACTCGCAAACAGAACGGAGGGTTAAGGAGCTCTCCATCCAGATTGATGATGAAC
 GGCAGCATGTCAACGACCAGAAGGACCAGCTAACCTGAGGGTGAAGGCTTTGAAGCGGCAGGTGGATGA
 AGCAGAAGAGGAAATTGAGCGGCTGGACAGCCTGAGGAAGAAGGCACAGCGGAACTGGAGGAACAGCAT
 GAGGTCAATGAACAGCTCCAAGCCGGATCAAATCCTTGGAAAAGGATGCCTGGCGGAAAGCTTCCCGCT
 CAGCTGCTGAGTCAGCCCTCAAACAAGAGGGGCTGAGCTCTGATGAGGAGTTTGACAACGCTACGACCC
 CTCATCCATTGCATCACTGCTTACTGAGAGCAACCTGCAGACTAGCTCATGTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001293727
- Insert Size:** 3555 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001293727.1, NP_001280656.1

RefSeq Size: 5015 bp

RefSeq ORF: 3555 bp

Locus ID: 70737

Cytogenetics: 3 40.74 cM