

Product datasheet for **RN213798**

Clgn (NM_001109472) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clgn (NM_001109472) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Clgn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213798 representing NM_001109472
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCATTTCCAGGGTGTGGACTGTGCTTGGTCTCCTGTTCATCACGGCCAAGCGGATTTTGTGGATG
 ATGGTGTGGAGGTGGAAGACTTCAGTGAGAGTTCAGACGAGAGTGATTTTAAAGACGAACCTTCCTCGGG
 GACTATTAATATAAGACACCTCAACCTATAGGAGAAGTATTTTACAGAAACATTTGATAGTGAAAT
 CTGTCTGGGTGGGTCTTATCAAAAGCAAAGAAGGATGATATGGATTACAGAAATTTCTATATATGATGGAA
 GATGGGAAATAGAGGAGCTGAAGGAAAACAGGTGCCTGGTGACAGAGGGCTGGTCTGAAGTCTAAGGC
 CAAGCACCATGCGATATCTGCTGTCTCGAAGAACCTTTATTTTTGCCGATAAACCTTTGATAGTTCAA
 TATGAAGTAAATTTCAAGATGGTATTGACTGTGGAGGCGCTACGTTAAGCTGTAGCAGACACTGGT
 ACTTGATTCTGGAAAACTTTATGATAAAACATCGTATACCATCATGTTTGGACCAGATAAATGTGGAGA
 AGACTATAAGCTTCATTTAATCTTCAGACACAAACATCCCAAAACCGGAGTTTTTGAAGAAAAGCAGGCC
 AAACCTCCAGATGTGGATCTGAAAGAGTCTTTACGGACCGGAAGACTCACCTGTATACCTCGTGATGA
 ATCCGGATGACACGTTTGAATATTAATCGATCAGAAAAGTTGTGAACCAAGGGACCTTGCTAGAGGACGT
 GGTCCCACCTATCAATCCACCCAGAGAAATTTGATGCCGAATGACAGAAAGCCAGAGGAGTGGGATGAC
 AGAGCCAAGATCCCCGACCCACCGCCGTCAAGCCAGAGGACTGGGATGAAAAGGAACCCATACAAATCG
 AAGACCCGAGTGTGTTAAGCCTGACGGCTGGCTCGATGATGAACCAAAATTTATCCCAATCCTAAAGC
 TGAGAAACCCGAAGACTGGAGTGACAGCATGGATGGAGAATGGGAGGCGCCACACATTCTAACCAGCC
 TGTCAGATCGGATGTGGAGAATGGAAACCTCCCATGATAGATAACCCAAAATACAAGGGATCTGGAGAC
 CACCGATGATCAATAACCCTAACTACCAGGGAATCTGGAGTCTCAGAAAATTCCTAACCAGGATTATTT
 TGAAGATGACCACCCATTCTTCTGACTTCTTTCAGTGTCTGGGCTTAGAGCTTTGGTCCATGACTCCT
 GACATCTACTTTGATAATTTTATCATCTGTTCAGAAAAGGAGGTGGCGGATCAGTGGGCTGCAGATGGCT
 GGGAGCTGAAGATAATGGTGGCAAATGCCAATGAGCCCGGCTCCTCCGACAGTTAAACAACAGCAGCAGA
 GGAACGCCCTGGCTCTGGCTCATGTACCTGGTATGGCTGGGTTGCCATCGCTTTAGTTACTTCATTT
 TGTTGGCCAAGAAAAGTAAAGAAAAATATGAAGACATAGGGCCTAAAAAGCTGACTTATGTCAACTGC
 CAAGCAAGGCCGCTCTGGAACAGGAACCTGAGGAGGAGAAGGCCCCAGAGAAGCCGAAGATTTGCAAGA
 GAAAAAGAAGCCAAGTAAACTGAAGTTGTATCGTGGAAAAGGAAGTAATTGGAGAACCAGGAAGAGAAG
 AGTGAGGAAGACGCAGAACTATAGAAGGGCAAGAGGAAATGACCAAGTTGAGTAAATCTGGATCAGAGG
 ATGAGATGAAGGATGCTGATGAGAGCACAGGATCTGGAGACGCCCAAGTGAAGTCATTGCCAAGAGGAG
 GGTACGAAAGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109472

Insert Size: 1836 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_001109472.1](#), [NP_001102942.1](#)

RefSeq Size: 2274 bp

RefSeq ORF: 1836 bp

Locus ID: 685504

Cytogenetics: 19q11