

Product datasheet for MC223243

Clmn (NM_001040682) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Clmn (NM_001040682) Mouse Untagged Clone
Tag: Tag Free
Symbol: Clmn
Synonyms: 9330188N17Rik; AI428889; AI788815; mKIAA1188
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223243 representing NM_001040682
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCTCAGGAGTGGGACTGGTTCCAGCGCAGGAGCTCATCGGCAGATCAGCGACATCCGTGTGC
AAAACCTGCAAGTGGAGAGGGAAAACGTGCAGAAGAGGACTTTCACACGATGGATAAACCTACACCTCGA
AAAGTGTGACCCACCTCTAGAAGTTACGGACCTGTTTGTGATATTCAAGATGGCAAATCCTAATGGCT
CTGTTAGAAAGTCCTCTCTGGGCGAAATCTGCTGCATGAATACAAATCCTCATCACATCGATTTTTTCGGT
TGAACAACATAGCGAAAGCACTCAAGTTTCTGGAAGATAGCAATGTCAAGCTGGTTAGCATCGATGCAGC
GGAAATAGCGGACGGCAACCCCTCGCTGGTTCTCGGGCTGATATGGAACATCATTCTCTTCTCCAGATA
AAGGAGCTCACGGCAACCTCAGCAGGAGTTCTCCATCTTCCAGCTTGTCAACCGGCTCTGGGGCACCG
ACTCCGACTCTTCTACCCACCCACCCACCACCGAGAGGAGTGTGGCAGTGGCAGTGAAGACCCAGAG
GAAGGCCATCAAGACCTGCTGTCATGGGTGCAGAGGAAAACCAGGAAGTATGGTGTGGCAGTCCAAGAC
TTTGCAGGCAGCTGGAGGAGTGGCTGGCTTTCCTGGCTGTCATCAAAGCTATTGACCCAGCCTTGTAG
ACATGAAGCAGGCTCTGGAAGATTCCACCCGGACAATCTGAAAAGGCCCTTCAAGATTGCCATGATTC
CCTGCATATCCCGAGGCTCCTGGAGCCGGAAGACATCATGGTTGACATGCCAGATGAGCAGTCCATTGTG
ACATACGTGGCCAGTTTCTAGAGCGCTTTCAGAGTTGGAGCCTGAAGATTTGTGAATCCGGACAAAG
AAGCCCCATCGAGTCCACCTTTGTCCGCATCAAAGAAAGCCCCTCTGAGCAGGGGAGCAGAGTCCCTCT
CCTCAGCGAGAACGGAGAGCGGGCTACTGTCAACCAGGAAACCAGCTACCCGCCCTGACAAGGTC
TTCGTCTGTGACCAGCTTGAAGTCCGACTGGCTTCTGTCTGGATAGTGTCCCAGCCACAACTGTCAG
ACAGCTCCACAGAGTTTATGCATGAGATTATTGACCAAGTCTCCAGGGGAGCACGGGAAGACTGGCTC
CATCGCAGAGCCAACTCCAGAGTCGTCCATTTTGTCAACCAGAAAGGACGGCAGGAGTCCAACCTTTG
CCTGTCAAAGAAACCGTCCACTTCGAGGCAGACTTGCACAAGGATGCCTCGTGTAGTAAGGACCTTTCT
ATAGCTCTGACTCCGCTTCGAGGGGAGCCCCAAGGCAACCAAGGAGCTGTCAAAGCAGGACGGCCATGT
CTCACTGGCTGAGGTGTCCAAGGAAAAGAAGTCAAGACAGGAAGCCAGGCTAGTGTGGAAAGCTGCC
TCAGACAAGGTCCCCGAAAGCACGGTGCATGGTCTGGATGCTGTGCCCAAGATGCTCAGCCTTCCAGG



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ACTCCTCCTTCTGTAACGGCACTGTAGAGAGCCCATCCAGCCAAGGTGAGAAAGGCCCTCCTCCATCATC
 CCCTGGAGATCATACTCTCCTGGCCAACCTCACTGAGCTCAAGGTTGAGCTGCTGACCGTTGAGCCTATG
 GACAAGGAAGACTACTTTGAATGCATCCCACTAAAAGTTCAAAGTTTAAACAGGGACCTAGTGGATTTG
 CCTCCACCAGCCAGGCTTTTGGTGAGGATCCTTCGTCCCACGAGAAGACCCGTGGGGAGGAAGAGGGTTC
 TGAAATCACGCTGAGAAACCAGGAAAAGGAAATCAAAGTCTCCCGTGCAGAAACAGAGGCCCGGAG
 TCCAGATTGGAGCCCAAGAAGCTCGAGCCTCCTCCAAGGATCCCGAACAAGAAGACCAAGGCCACGCTT
 TGCCCCGGAAACCCCTGCAGACAAAAAGCCAAAGTGTATGAAAAGGCCAAGAGAAAGTCCACTCGTCA
 TCACAGCGAGGAAGAAGGAGAAGCAGAAAAGTGGCTTCTCTGCAGTCTGTGAAGAAGAAATACCATCCGCC
 CCTCCCAGCACCAGCGTCAGCCTGGAAACCTCAGGAGTCACAGCGAAGAAGGTTTGATTTCAAACCTT
 CGCCGCGCTCTCGAAGATCTCTGTCATCCCCACGACCTGTTCTACTACCCTCACTACGAAGTGCCCT
 GGCCGCTGTGCTGGAGGCTTACGCGGAAGGCGGGAGGATTTGAAAAGTGAAGACACAGACCTAGAGCAT
 CCAGAGGACAGCTATCTGCAGGACTCCAGGAGGAGGAGGCCGACGAGGACGAGGAGGAGGCCAGAGCT
 CTCAAAGCAGCTGCAGTTTCTCCTTGCTGTTGACAACAGCTACCCAGCGTCAGTGAGCATGTGTCCA
 TGTCGATGGGAGTTCTGAGGGACCCACGTACGCTTGGGACCTGGCTCTCCACCCTCATGAGGACCAC
 CAGCCAAAGGAAACCAAGAGAATGGCCCTGTGGAAGCCAGCAGTCCCAAGAACCCCAACCCCGAAC
 TGCCACAAAGCCATTAGAAGAAAAGTTAACGGAAGCCTCAACTAGCAGTAAAAAGAAAGAAAAACGGAA
 ACACATGGACCAGTAGAAAGCTCATTATTTATAGCCCTGGGACGGTCCGCTCCTCAGACGACCTTGAA
 GAAAATCCAGCGAACACAAGGTCCCTTCCAGGAATAGTCACAGTGACTCCAGCATTTACATTGGCGAC
 ACCTAATAGGTCTTTGGAATTGGACATTTTAGCTATGTTCAATTGAGGAACGCAGCTGATCTGGATGA
 CAGGAGAAACAGAGTGTTAAACAGGACTGGCACAACCTCTGAGAGAAGCTGTGCCCTGGGAACCCAG
 AGCCCCCAACGACTCTCTGACGAGTTGTACAGCAGCCGACGTGATATTTTCACTTCTTCTCTCT
 GGCTCTCGTTTACTGCTTACTGCTCTTCCACAGCTTGATGTCAGCCGGCTC**TGA**

ACGCGTACGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001040682
- Insert Size:** 3066 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_001040682.1](#), [NP_001035772.1](#)
- RefSeq Size:** 11869 bp
- RefSeq ORF:** 3066 bp

Locus ID: 94040
UniProt ID: [Q8C5W0](#)
Cytogenetics: 12 E