

Product datasheet for MC223372

Clmn (NM_053155) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clmn (NM_053155) 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:	>MC223372 representing NM_053155 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGCTCAGGAGTGGGACTGGTTCCAGCGCAGGAGCTCATCGGCAGATCAGCGACATCCGTGTGC
AAAACCTGCAAGTGGAGAGGGAAAACGTGCAGAAGAGGACTTTCACACGATGGATAAACCTACACCTCGA
AAAGTGTGACCCACCTCTAGAAGTTACGGACCTGTTTGTGATATTCAAGATGGCAAATCCTAATGGCT
CTGTTAGAAAGTCCTCTCTGGGCGAAATCTGCTGCATGAATACAAATCCTCATCACATCGATTTTTTCGGT
TGAACAACATAGCGAAAGCACTCAAGTTTCTGGAAGATAGCAATGTCAAGCTGGTTAGCATCGATGCAGC
GGAAATAGCGGACGGCAACCCCTCGCTGGTTCTCGGGCTGATATGGAACATCATTCTCTTCTCCAGATA
AAGGAGCTCACGGCAACCTCAGCAGGAGTTTCCATCTTCCAGCTTGTCAACCGGCTCTGGGGGCACCG
ACTCCGACTCTTCTACCCACCCACCCACCACCGAGAGGAGTGTGGCAGTGGCAGTGAAGACCAGAG
GAAGGCCATCAAGACCTGCTGTCATGGGTGCAGAGGAAAACCAGGAAGTATGGTGTGGCAGTCCAAGAC
TTTGCAGGCAGCTGGAGGAGTGGCTGGCTTTCCTGGCTGTCAAAGCTATTGACCCAGCCTTGTAG
ACATGAAGCAGGCTCTGGAAGATTCACCCGGGACAATCTGAAAAGGCCCTTCAGCATTGCCATGATTC
CCTGCATATCCCGAGGCTCCTGGAGCCGGAAGACATCATGGTTGACATGCCAGATGAGCAGTCCATTGTG
ACATACGTGGCCAGTTTCTAGAGCGCTTTCAGAGTTGGAGCCTGAAGATTTTGTGAATCCGGACAAAAG
AAGCCCCATCGAGTCCACCTTTGTCCGCATCAAAGAAAGCCCCTCTGAGCAGGGGAGCAGAGTCCCTCT
CCTCAGCGAGAACGGAGAGCGGGCTACTGTCAACCAGGAAACCAGCTACCCGCCCTGACAAGGTC
TTCGTCTGTGACCAGCTTGAAGTCCGACTGGCTTCTGTCTGGATAGTGTCCCAGCCACAACTGTCAG
ACAGCTCCACAGAGTTTATGCATGAGATTATTGACCAAGTCTCCAGGGGAGCACGGGAAGACTGGCTC
CATCGCAGAGCCAACTCCAGAGTCGTCCATTTTGTCAACCAGAAAGGACGGCAGGAGTCCAACCTTTG
CCTGTCAAAGAAAACCGTCCACTTCGAGGCAGACTTGACAAGGATGCCTCGTGTAGTAAGGACCTTTCT
ATAGCTCTGACTCCGCTTCGAGGGGAGCCCAAGGCAACCAAGGAGCTGTCAAAGCAGGACGGCCATGT
CTCACTGGCTGAGGTGTCCAAGGAAAAGAAGTCAAGACAGGAAGCCAGGCTAGTGTGGAAGCTGCC
TCAGACAAGGTCCCCGAAAGCACGGTGCATGGTCTGGATGCTGTGCCCAAGATGCTCAGCCTTCCAGG



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ACTCCTCCTTCTGTAACGGCACTGTAGAGAGCCCATCCAGCCAAGGTGAGAAAGGCCCTCCTCCATCATC
 CCCTGGAGATCATACTCTCCTGGCCAACCTCACTGAGCTCAAGGTTGAGCTGCTGACCGTTGAGCCTATG
 GACAAGGAAGACTACTTTGAATGCATCCCACTAAAAGTTCAAAGTTAACAGGGACCTAGTGGATTTCCG
 CCTCCACCAGCCAGGCTTTTGGTGAGGATCCTTCGTCCCACGAGAAGACCCGTGGGGAGGAAGAGGGTTC
 TGAAATCACGCTGAGAAACCAGGAAAAGGAAATCAAAGTCTCCCGTGCAGAAACAGAGGCCCGCGAG
 TCCAGATTTGAGCCCAAGAAGCTCGAGCCTCCTCCAAGGATCCCGAACAAGAAGACCAAGGCCACGCTT
 TGCCCCGGAAACCCCTGCAGACAAAAGCCAAAAGTGTATGAAAAGGCCAAGAGAAAAGTCCACTCGTCA
 TCACAGCGAGGAAGAAGGAGAAGCAGAAAAGTGGCTTCTCTGCAGTCTGTGAAGAAGAAATACCATCCGCC
 CCTCCCAGCACCCAGCGTACGCTGGAAACCCCTCAGGAGTACAGCGAAGAAGGTTTGGATTTCAAACCTT
 CGCCGCCGCTCTCGAAGATCTCTGTCTATCCCCACGACCTGTTCTACTACCCTCACTACGAAGTGCCCT
 GGCCGCTGTGCTGGAGGCTTACGCGGAAGGCGGGGAGGATTTGAAAAGTGAAGACACAGACCTAGAGCAT
 CCAGAGGACAGCTATCTGCAGGACTCCAGGAGGAGGAGGCCGACGAGGACGAGGAGGAGGCCAGAGCT
 CTCAAAGCAGCTGCAGTTTCTCCTTGCCTGTTGACAACAGCTACCCAGCGTCAGTGAGCATGTGTCCA
 TGTCGATGGGAGTTCTGAGGGACCCACGTCAGCCTTGGGACCTGGCTCTCCACCCTCATGAGGACCAC
 CAGCCAAAGGAAACCAAGAGAATGGCCCTGTGAAAAGCCAGCAGTCCCAAGAACCCCAACCCCGAAC
 TGCCACAAAGCCATTAGAAGAAAAGTTAACGGAAGCCTCAACTAGCAGTAAAAAGAAAGGAAAAACGGAA
 ACACATGGACCACGTAGAAAGCTCATTATTTATAGCCCTGGGACGGTCCGCTCCTCAGACGACCTTGAA
 GAAAATCCAGCGAACACAAGGTCCCTTCCAGGAATAGTCACAGTGACTCCAGCATTTACATTGGCGAC
 ACCTAATAGGCTTTTGGAAATGGACATTTTAGCTATGTTCAATTGAGGAACGCAGCTGATCTGGATGA
 CAGGAGAAACAGAGTGTTAAACAGGTACAATCTCAGAAGCTCACTGAGCTGATTTTACAGTTCTACGGC
 ATCAGAGCAGACATGAAGCGGAGTACAAACATGCCAGGCTGTCTATGACTGGCACCAACTCCTCTGGAG
 AAGCTGTGCCCTGGGGAACAGAGCCCGCCCAACGACTCTCTGACGCAGTTTGTACAGCAGCCCGACGT
 GATATATTTCTCTCTCTCTGGCTCCTCGTTACTGCTTACTGCTCTCCACAGCTTGATGTCAGC
 CGGCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053155
- Insert Size:** 3159 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_053155.2](#), [NP_444385.2](#)
- RefSeq Size:** 11962 bp

RefSeq ORF: 3159 bp
Locus ID: 94040
UniProt ID: Q8C5W0
Cytogenetics: 12 E