

Product datasheet for **MC223116**

Col16a1 (BC027766) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Col16a1 (BC027766) Mouse Untagged Clone
Tag: Tag Free
Symbol: Col16a1
Synonyms: 2700007F12Rik; A530052M23Rik; AI838662; CA1F
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC027766
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTGACATCCTGGGCTCCCGGCTGTGGGTGCTCGGGCTCTGGGCCACCTTCAGCCATGGGACAATA
TAGGTGAGCGGTGCCAACTTCACAGCAAGAAGGACTCAAGCTAGAACACAGTAGTGACCCATCAACCAA
CGTGACTGGCTTCAACCTAATTCGCCGACTGAACCTCATGAAGACATCTGCCATCAAGAAGATCCGCAAC
CCCAAGGGGCCACTCATCTTGAGGCTGGGGCTGCCCCAGTGACCAACCAACTCGACGAGTGTTCCCTC
GAGGCCTCCCAGAGGAGTTTGCCTGGTCTGACAGTGCTTCTGAAGAAACACACCTTCCGGAACACATG
GTACTTGTCCAAGTGACTGATGCAAAATGGGTACCCACAGATCTCCTTGGAAAGTCAACAGCCAGGAGCGG
AGTCTAGAGCTCCGGGCACAGGGCCAAGATGGTGACTTTGTGCTCTGCATCTTCCAGTGCCCGACTCT
TCGATCTGCGTTGGCACAAGCTGATGCTGAGCGTGGCAGGCCGTGTGGCCTCTGTGCATGTGGACTGTGT
CTCAGCTTCTCCAGCCTCTGGGACCCCGCAATCCATCCGGCTGGGGACATGTATTTCTGGGCTTG
GACGCTGAGCAGGGCAAGCCGTTTCATTTGACCTTCAGCAGGCGCACATCTACTGCGACCCAGAGCTGG
TGCTGGAGGAAGGCTGCTGTGAGATCTTACCGGAGGGTGTCCCCAGAGACTCCAAGTCACGCCGGGA
CACCCAGAGCAATGAGCTCATTGAGATCAATCCTCAGACAGAGGGCAAGGTCTACACCCGGTGCTTCTGC
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CGCCAGGAGAGATCTGTGTCATTGGACCAAAGGGCAGAAAGGAGACCCAGGCTTTGTTGGCCTGAGG
GACTGGCAGGAGAGCCTGGGCCACTGGCTCCCTGGACCACCTGGGATAGGACTGCCTGGGACTCCTGG
AGATCCAGGTGGCCACCAGGCCCTAAGGGAGAAAAGGGCAGCTCTGGAATACCAGGAAAGGAAGGCCCA
GGAGGGAAGCCGGGGAAACCAGGAGTGCCAGGGACTAAGGGAGAGAAGGGTGACCCTGTGAAGTGTGCC



CAAAGCTGCCTGAAGGGTCCCAGAATTTTGTGGGGCTCCCTGGAAAACCAGGGCCTAAAGGGGAACCAGG
 TGATCCTGCTCCAGCCTGGGAGGGCCTAGGAACTGTGGGACTGAAAGGTGACCGGGGAGATCCAGGCATC
 CAAGGAATGAAAGGAGAGAAGGGGGAGCCCTGCTCATCTGTAGTTCAGGGGTCGGAGCCCAGCATCTTG
 GGCCCTCCTCGGCCATGGTTTACCTGGCCTCCGGGCACATCTGGAATTCCTGGCCAAGAGGCCTGAA
 AGGGGAGAAGGGTAGTTTTGGCGATACAGGACCGCTGGAGTCCGGGATCACCAGGACCACTGGGACCA
 GCTGGCATCAAAGGGGCAAAGGGGGAGCCCTGTGAGCCCTGCACAGTCTGTCTGAGCTACAAGATGGGG
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 TCCTGGGAAGCAGGGTAAAGCAGGAGAGCGTGGACTCAAGGGGCAGAAGGGGGATGCTGGGAATCCAGGA
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 GACAAAAGGAGAAAAGGGTGATGGATGCACTGCCTGCCCTAGCCTGCAGGGGGCGTTGACCAGTGTATC
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 CAGGCACGGGTGCTGAGGGACCCAGGGGAGCCTGGAACCCAGGGTTTGCTGGCACTCAGGGCCTTCC
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 AAGGTGAACCGGAGAGTGTTCCTGCCCTTCTCGGGGAGAGCCATCTTCTCGGGATGCCGGGTCCCC
 AGGTGTCCCCGGACCACCAGGTCCCCCGGAATGCCTGGATTGCAGGGAGTGCCTGGACACAATGGTTTG
 CCAGGACAGCCCGGGCTCACTGCCGAGCTGGGATCCTTACCCATCGAGAAACACCTCCTCAAGAGCATCT
 GTGGTACTGTGCCAGGGCCAGACGGCTCATCCAGCCTTCTTCTGGAGAAAGGAGAAAAGGGGGACCA
 GGGCATCCCTGGCGTGCCAGGTTTCGACAACTGTGCCAGGTGCTTCATAGAGAGGGAAACGCCAAGAGCT
 GAGGAGGCCAGGGGAGACAACAGTGAGGGAGAACCTGGCTGTTCTGGGAGCCCTGGCCTGCCTGGTCTC
 CAGGGATGCCAGGCCAAAGAGGAGAAGAGGGTCCACCTGGAATGAGGGGCTCTCCCGTCTCCAGGCC
 TATTGGCCCCCAGGTTTTCTGGTGTCTGGTGTCTCCCGGATTGCCCGTAAGAACCTAG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** BC027766
- Insert Size:** 3141 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:** [BC027766](#), [AAH27766](#)
- RefSeq Size:** 5160 bp
- RefSeq ORF:** 3140 bp

Locus ID: 107581

Cytogenetics: 4 D2.2

Gene Summary: Involved in mediating cell attachment and inducing integrin-mediated cellular reactions, such as cell spreading and alterations in cell morphology.[UniProtKB/Swiss-Prot Function]