

Product datasheet for MC224713

Col16a1 (NM_028266) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Col16a1 (NM_028266) 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: >MC224713 representing NM_028266
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGTTGACATCCTGGGCTCCCGGCTGTGGGTGCTCGGGCTCTGGGCCACCTTCAGCCATGGGACAATA
 TAGGTGAGCGGTGCCAACTTCACAGCAAGAAGGACTCAAGCTAGAACACAGTAGTGACCCATCAACCAA
 CGTGACTGGCTTCAACCTAATCCGCCGACTGAACCTCATGAAGACATCTGCCATCAAGAAGATCCGCAAC
 CCCAAGGGGCCACTCATCTTGAGGCTGGGGCTGCCCCAGTGACCAACCAACTCGACGAGTGTTCCCTC
 GAGGCCTCCCAGAGGAGTTTGCCTGGTCTGACAGTGCTTCTGAAGAAACACACCTCCGGAACACATG
 GTACTTGTCCAAGTGACTGATGCAAAATGGGTACCCACAGATCTCCTTGGAAAGTCAACAGCCAGGAGCGG
 AGTCTAGAGCTCCGGGCACAGGGCCAAGATGGTGACTTTGTGCTCTGCATCTTCCAGTGCCCCAGCTCT
 TCGATCTGCGTTGGCACAAGCTGATGCTGAGCGTGGCAGGCCGTGGCCCTCTGTGCATGTGGACTGTGT
 CTCAGCTTCTCCAGCCTCTGGGACCCCGCAATCCATCCGGCTGGGGACATGTATTCTGGGCTTG
 GACGCTGAGCAGGGCAAGCCGTTTCATTTGACCTTCAGCAGGCGCACATCTACTGCGACCCGGAGCTGG
 TGCTGGAGGAAGGCTGCTGTGAGATCTTACCGGAGGGTGTCCCCAGAGACTCCAAGTACGCCCGGA
 CACCCAGAGCAATGAGCTCATTGAGATCAATCCTCAGACAGAGGGCAAGGTCTACACCCGGTGCTTCTGC
 TTGGAGGAACCTCAGAACAGCAAGGTGGACGCGCAGCTCATGGGAAGAAACATCCAGAAAGCAGAAAGGG
 GGACAAAGGTCCACCAGGGGACTGGAGTTAATGAGTGCCACCCTGTGCCACAGTGCCCGGAGAGCAA
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 GAAGGGCCAGAAAGGGGAGAAGGGTGATGGAGGCCTCAAAGGACTTCCAGGAAAGCCAGGACGAGATGGT
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 GACTGGCAGGAGAGCCTGGGCCACTGGCTCCCTGGACCACCTGGGATAGGACTGCCTGGGACTCCTGG
 AGATCCAGGTGGCCACCAGGCCCTAAGGGAGAAAAGGGCAGCTCTGGAATACCAGGAAAGGAAGGCCCA
 GGAGGGAAGCCGGGGAAACCAGGAGTGCCAGGGACTAAGGGAGAGAAGGGTGACCCTGTGAAGTGTGCC



CAACGCTGCCTGAAGGGTCCCAGAATTTTGTGGGGCTCCCTGGAAAACAGGGCCTAAAGGGGAACCAGG
 TGATCCTGCTCCAGCCTGGGAGGGCCTAGGAACGTGGGACTGAAAGGTGACCGGGGAGATCCAGGCATC
 CAAGGAATGAAAGGAGAGAAGGGGGAGCCCTGCTCATCTGTAGTTTCAGGGTTCGGAGCCAGCATCTTG
 GGCCCTCCTCGCCATGGTTTACCTGGCCTCCGGGCACATCTGGAATTCCTGGCCAAGAGGCCTGAA
 AGGGGAGAAGGGTAGTTTTGGCGATACAGGACCGGCTGGAGTCCGGGATCACCAGGACCACTGGGACCA
 GCTGGCATCAAAGGGCAAAGGGGGAGCCCTGTGAGCCCTGCACAGCCTGTCTGAGCTACAAGATGGGG
 ACATGCTGTGGTTCATCTGCCCGCCAGCTGGAGAGAAGGGAGAGCCTGGGTCCCGGGCTTCGGGCT
 GCCTGGGAAGCAGGGTAAAGCAGGAGAGCGTGGACTCAAGGGGCAGAAGGGGGATGCTGGGAATCCAGGA
 GACCCTGGAACACCAGGCATCACAGGGCAGCCTGGGATATCTGGAGAGCCTGGGATTTCGAGGTCCTGCAG
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 GGGACTATGGATGGGACGCTCCTCGCAGCCGGGCCGAGGGTCCCCAGGTGTCCCGGACCACAGGT
 CCCCCGGAATGCCTGGATTGCAGGGAGTGCCTGGACACAATGGTTTGCAGGACAGCCGGGCTACTG
 CCGAGCTGGGATCCTTACCCATCGAGAAACACCTCCTCAAGAGCATCTGTGGTACTGTGCCAGGGCCA
 GACGGCTCATCCAGCCTTCTTCTGGAGAAAGGAGAAAAGGGGGACCAGGGCATCCCTGGCGTGCCAGGT
 TTTGACAACTGTGCCAGGTGCTTATAGAGAGGGAACGCCAAGAGCTGAGGAGGCCAGGGGAGACAACA
 GTGAGGGAGAACCTGGCTGTTCTGGGAGCCCTGGCCTGCCTGGTCTCCAGGGATGCCAGGCCAAAGAGG
 AGAAGAGGGTCCACCTGGCATGAGGGGCTCTCCGGTCTCCAGGCCCTATTGGGCTTCAAGGGGAGCCA
 GGCTCACGGGCTGACTGGAGACAAGGAGAACCAGGGTCTCCAGGACAACCTGGCTACCCAGGTGCCA
 TGGGCCCCCAGGACTGCCTGGTATCAAGGGAGAGCGAGGATACACTGGCCCTCGGGAGAGAAGGGCGA
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 CCCCAGGGGAGCTCTGGAGAGAAGGGTACCAGGGATTCAAGGCCAGCCAGGCTTCCAGGCCACCAGG
 GTCCTCCAGGATCCAGGCAAAGCTGGAGCTCCTGGCCACCTGGCCCCAAGCAGAGAAGGGCAGTGA
 AGGGATTCCAGGTCCTCAGGCTGCCTGGTCCCCTGGGCCACCCGGCCCTCCCGGATTCCAGGGCCT
 GCTGGGCTGGACGACTGGACGGGAAGGACGGCAAGCCTGGCCTGAGGGGGACCAGGTCTGCTGGCC
 TCCCGGACTCATGGGACCTCCAGGCTTCAAGGGGAAAACAGGTATCCTGGCCTCCTGGGCTAAGGG
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 GGACCCAGGGACGACCAGGACCCAGGGCATTTGGTCTCCAGGCCAGCCAGGTCCACCTGGGCTCT
 CCACTGTGGGCTGAAAGGAGATCGGGGAGTCCCTGGAGAAAAGGGGCTTGGCGGGCTCCAGGCCAGCC
 TGGCACACCCGGACACCTGGCCCTCCAGGTGAGCCTGGTTTCGGACGGTGCAGCTGGCAAAGAGGGACCT
 CCTGGAAGCAGGGACTCTATGGACCCCTGGCCCAAAGGGTACCCTGGACCTGCAGGACAGAAGGGCC
 AAGCAGGAGAAAAGGGAAGATCTGGCATGCCAGGGGCTTGGCAAGAGCGGCTCCATGGGACCTATCGG
 ACCACCCGGGCTGCAGGAGAGAGAGGTACCCCTGGGTCCCAGGGCTGCAGGGAACCTGGATTGCCT
 GGTTTCCCGGCTCTATGGGAGACATGGTGAATTATGATGATATCAAGAGGTTTATCAGACAAGAGATCA
 TTAACCTGTTTGTAGAGAGGATGGCTTACTATACTCCAGGATGCAAGTCCCATGGAGGTGGCAGCAGC
 TCCAGGCCGGCCAGGGCTCCGGGAAGGATGGTGTCCAGGTCCGGCCAGGTGCTCCAGGTCACCCGGG
 CTCCCTGGTCAGATAGGCCGAGAAGGACGCCAGGGTTTGGCAGGAATGAGAGGACTGCCTGGTACCAAAG
 GTGAAAAGGGAGACATTGGTGTGGCATTGCAGGAGAAAATGGTCTCCCTGGCCCTCAGGTCCTCAAGG
 GCCTCCAGGTTATGGCAAGATGGGTGCACTGGACCAATGGGCCAGCAAGGTATTCTGGGATCCCTGGG
 CCCCCGGTCCCATGGGCCAGCCAGGGAAGGCAGGCCACTGCAACCCCTCAGACTGCTTTGGGGCCATGC
 CAATGGAGCAGCAGTACCACCCATGAAGAGCATGAAGGGGCTTTCGGTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_028266

Insert Size:	4743 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:	<ol style="list-style-type: none">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_028266.5 , NP_082542.3
RefSeq Size:	5222 bp
RefSeq ORF:	4743 bp
Locus ID:	107581
UniProt ID:	Q8BLX7
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]