

Product datasheet for **MC217656**

Col23a1 (NM_153393) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Col23a1 (NM_153393) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Col23a1
Synonyms:	2810458L13Rik; AI429655
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217656 representing NM_153393
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCGCGGGCAGCGCGCGGGCGGAGGAGCGCGCAGGACCCCGAGCGGGTTCGGGTTCGCGGG
 CGCTGAGCGCGCTGTGCCTGCTGCTGTCGGTGGGCTCTGCGGCCGCTGTCTCCTGTTGGGAGCCAGGC
 GGCCGCCCTGCATGGCCGAGTGGCGGCGCTGGAGCAGGAGCGCGAGCTGTTGCGGCATGCGGGGCGCTCC
 GGAGCCCTGGCCGCTGGGCCGAAACGCACCTGGAGCGCCTGTTACGGGAGAAGTTGGATGGAGTCGCCA
 AGCTCAGGACAGTTCGAGAAGCCCATCTGAGTGCATCTGTCCCCTGGTCCCCCTGGACGGCGTGGCAA
 GCCTGGACGAAGAGGCGACCTGGTCTCCAGGGCAATCAGGACGAGATGGCTACCCGGGACCTCTAGGT
 CTGGACGCAAGCCGGACTTCCAGGCCCAAAGGGGAAAAGGGTACCCGGGAGACTTTGGCCCGGGG
 GAGCCAAAGGCAAGATGGAGTTCAGGACCACCGGGGCTCCTGGACCCTGGGGCCCGGGCCCTCC
 TGGTGACTGGGAAAGATGGCCCCGAGGAGCGCAAGGCCAGCGGGTCCAGAGGAGAGCCCGGACAA
 GATGGCGAGATGGGCCCAAAGGACCTCCAGGACCAAGGGAGAACCTGGCATTCTGGGAAGAAGGGG
 ATGATGGGATGGCCAACAGCCAGGACTCCCTGGACCCCAAGGGTACAGGAGAGGGGATGTGGG
 GCCCGAGGAGAGAATGGAGTGGACGGCATTCTGGACTAAAGGGGAGCCCGGTACCCAGGCGTGGAT
 GGAGCCACAGGGCCCGGGTGCCTCCGGGCTCAAGGGAGAACAAGGTGACACAGTGGTAATCGACTATG
 ACGGCAGGATCTTAGATGCCCTAAAGGGTCCCCCTGGACCACAGGGAGCTCCTGGCCACCAGGGATCCC
 TGGAGCCAAGGGTGAACTCGGATTGCTGCTCCAGGAATCGATGGAGAGAAGGGTCCCAAAGGACCA
 AAAGGAGACCCGGGAGAGCCTGGACCAGCTGGGCCAAAGGGGAAACAGGAGAGATGGCCCTGTCAGGTC
 TTCCGGGTGCTGATGGTCCCAAGGGAGAAAAGGGAGAGTCGGCGTCTGACCATCTACAAGAGAGCCGGC
 CCAGATCATAGTGAACCAAGGCCCTGGTCTCCTGGTCCCCCTGGGCCATGGGCCTTCAGGGGATC
 CAAGGTCCAAGGCCTGGATGGAGCCAAGGGAGAAAAGGGTACATCGGGTGAGAGAGCCCTCACGGCC
 TGCTGGACAGTTGGCCACCAGGCCTTATTGGTTGCCAGGAACAAAGGAGAGAAGGGCAGACCTGG
 AGAACCAGGACTCGATGGTTCCCTGGACCCAGGGGAGAGAAGGGTGACCGAAGTGAACGTGGAGAGAAG
 GGGGAGCGAGGAGTTCTGGCCGAAAGGCGTGAAGGGCCAGAAGGGAGAGCCGGGCCACCAGGCCTTG
 ACCAGCCATGCTCTGGGCCCGATGGTTGCCTGTGCCTGGTTGCTGGCATAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_153393
- Insert Size:** 1599 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_153393.2](#), [NP_700442.2](#)

RefSeq Size: 5665 bp

RefSeq ORF: 1599 bp

Locus ID: 237759

UniProt ID: [Q8K4G2](#)

Cytogenetics: 11 B1.3