

Product datasheet for **MC225251**

Col6a6 (NM_001102607) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Col6a6 (NM_001102607) Mouse Untagged Clone
Tag: Tag Free
Symbol: Col6a6
Synonyms: E330019B14; E330026B02Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225251 representing NM_001102607
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
 GCCC

ATGCTGCTGGTTTTGTGCCTGACAATGATTTGTTCCACGTGTGTGAACCAAGATTCTGGCCCCGAGT
 ACGCAGACGTGGTGTCTTCTGGTGGACAGCTCCGATCACCTAGGGCTTAAGTCCTTCTCTGTGAAAAC
 TTTTCATCCACAAGATGATCAGCAGCCTCCCATAGAGGCCAACAAAGTACCGCGTGGCCCTGGCCAGTAC
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 AGAAGAATTCGGGTTTCATCGGTGGCTCCCTGAAGATAGGGAACGCCCTGCAGGAGGCTCACAGGACCTA
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 GAGTCTGAGGATGATGTGGAAGAGGCTGCGAAGGCCCTGCGGGAAGATGGGGTAAAAATCATCTCTGTGG
 GGGTGCAGAAGGCTTCTGAGGAAAACCTGAAGGCGATGGCCACCTCTCAGTTCATTTCAATCTCAGGAC
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 GCTGTCAACCTCCGGCGGGAGGGAGTGACCATCTTACCATGGGCATAGAGGGGGCTAACCCAGACGAGC
 TGGAGAAGATCGCATCCACCTGCGGAGCAGTTCACCTCCAACTGGGCAACTTCTCTGAGCTGGCCAC
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 GGAGCACCCAGCCACAGACTTCCATGAAATGAAGACCTTCTGTGAGAGGTTGGTAGGCATGTTCAACAT
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 AAGTATAGTAACAAGCCTGACTTGGGAAAGGCCATCGAGAATATCAGGCAGATGGGTGGGAATACCAACA



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CAGGGGCGGCTTTGAACTTCACACTGAAGCTGTTGCAAAGAGCAAAGAAGGAACGAGGAAGCAAAGTGCC
 GTGTACCTGGTGGTTCTGACCAATGGCATGTCTCGGGACAGCGTCTGGGGCCTGCCATAAGCTGAGA
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 CCGCGTTGCCATCCTAGCCTACAACCTCCACACCAGGCACCTCATCCGTTCTCAGATGCCTACAGGAAG
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 CCATGAGGTTTCATCTCCAGGAATGTCTTCAAGAGAACCCTTCCAGGGGCTCATGTGAGAAGAATCGCCAC
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 AAGTATCCACCGGTCAACCTCAAAGCCAAGTGAACAGACTCGGCTCTAGGGATCTGAAGCCGCCCCAC
 GCCAGTTTCAAGCTTTGTTCCAGGACCACAGAAAGCCAACCTCAAAGACCACACAGCAGAGGCAGAAA
 GCTCTTTCAAGATAAAAAACGCTTTCAAGTATGCTGAAAGGGGGCAGAGCTACTATTTCAAGTCTTTCC
 AGAAGCACACGCTATGCCTTTAAACAGGGGAAAGAAGCAATAAAAGCCACTTCTAACTCGGTAACGAA
 GTGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Ascl-Mlul
- ACCN:** NM_001102607
- Insert Size:** 6798 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_001102607.1, NP_001096077.1
- RefSeq Size:** 7098 bp

RefSeq ORF: 6798 bp

Locus ID: 245026

UniProt ID: [Q8C6K9](#)

Cytogenetics: 9 F1

Gene Summary: Collagen VI acts as a cell-binding protein.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).