

Product datasheet for **SC304856**

COL20A1 (NM_020882) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COL20A1 (NM_020882) Human Untagged Clone
Tag:	Tag Free
Symbol:	COL20A1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304856 representing NM_020882. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGCTCCGGAGACCTGCACACCTCGGCCTCTGCCTCTGGCTGTGGCTGGGCGCCACCCTGGGAAGA
GAGCAAGTTCAAGCAAGCGGTCTCCTGAGGCTGGCTGTGCTGCCTGAGGACCGGCTGCAGATGAAGTGG
AGAGAGTCGGAGGGGAGCGGCCTCGGCTACCTGGTGCAGGTGAAGCCCATGGCAGGGGACTCGGAACAG
GAGGTGATACTGACCACCAAGACCCCTAAGGCCACAGTGGGGGGCCTGAGCCCTCCAAGGGCTACACC
TTGCAGATCTTCGAGCTCACTGGCTCTGGGCGCTTCTGCTAGCTCGGAGGGAGTTGTGATTGAGGAT
CTGAAGAGTAGCTCCCTGGACAGGAGCAGCCAGAGGCCCTCGGCTCTGGAGCCCGGAGCCACCCCTC
TCCACACGGGGAGCCAGACCCCTGAGCAGGCTTCTGAGCCCCAAGTTGCCTTCACACCAAGCCAGGAT
CCGCGCACTCCTGCCGGCCCCAGTTCCTGCTGCCTGCCCGCCGCTGCTGACATGGTCTTCTGGTG
GACGGGTCTGGAGCATTGGCCACAGTCACTTCCAGCAGGTCAAGGACTTCTGGCCAGTGTATCGCA
CCCTTTGAAATCGGGCCGATAAGGTCCAAGTAGGCTGACTCAGTACAGCGGGGATGCTCAGACTGAG
TGGGACCTGAACCTCCTCAGCACCAGGAACAGGTGCTGGCAGCTGTGCGCCGCTCCGCTACAAGGGG
GGGAACACGTTACAGGCCTTGCCCTGACCCACGTGCTGGGCGAGAACCTGCAGCCGGCGGCTGGCTC
CGTCCAGAGGCAGCCAAGGTGGTATTCTGGTGACGGACGGCAAGTCCAGGACGATGTGCACACTGCT
GCCCGTGTCTCAAGACCTGGGCGTGAACGTCTTCGCTGTGGGTGTGAAGAACCGGATGAGGCTGAG
CTGAGGCTCCTGGCGTCCCCGCCGAGGGACATCACCGTCCACAGCGTGTGGACTTCTGCAGCTCGGC
GCGCTGGCTGGCTGCTCAGCCGTCTCATCTGCCAGAGGCTCCAGGGTGGGAGCCCGCGGAGGGCCCA
GCAGCGGCTCCAGCCCTGGACACCCCTCCCTGCCCGCCACAGCCTGGTCTGAGCCAGGTGACCTCTCC
AGCATCCGCCTGTCTGGACTCCAGCCCCCGGACCCCTCAAGTATCTGATCGTTTGGCGAGCCTCT
AGAGGTGGCACCACAGGGAGGTGGTGGTGGAGGGACCGCCGCTCCACGGAGCTGCACAACTGGCC
TCCCGCACAGAGTACCTGGTCTCCGTGTTCCCATCTATGAGGGCGGGGTGGCGAAGGCCTGCGGGGC
CTGGTGACCACAGCACCTCTGCCTCCGCCCCGGGCGCTGACCTGGCCGAGTGACGCCAGAACCGTC
CACCTCACCTGGCAGCCCTCGGCCGGGGCCACCACTACCTGGTGGATGTTCTCTCTGCTTCCCCAAG
GGTGAAGAGGAGGAGCGAGAGGTGACAGGTGCGGGCGGCCGAGGTGCTGCTGGATGGCTGGAACCTGGC
AGGGACTATGAGGTCTCGGTGCAGAGCCTGCGAGGCCCTGAGGGCAGCGAGGCCCGGGGCATCCGTGCC
  
```


[View online »](#)

AGGACCCCCACCTGGCCCCCGAGACACCTGGGCTTCTCAGACGTGAGCCACGACGCGGCACGAGTG
 TTCTGGGAGGGTGCCCCGAGGCTGTGCGCCTGGTCAGGGTCACCTATGTGTCCAGCGAGGGTGGACAC
 TCGGGGCAGACAGAGGCTCCTGGGAACGCCACCTCGGCCACGCTGGGGCTCTCTCTTCTCCACCACC
 TACACTGTCCGTGTACCTGCCTCTACCCTGGGGGTGGCTCCTCTACGCTGACTGGCCGGGTGACCACC
 AAGAAAGCTCCCAGCCCAAGCCAGCTGTCCATGACGGAGCTGCCAGGGGATGCAGTCCAGCTGGCGTGG
 GTGGCCGACGCCCGTCTGGCGTGCTTGTCTACCAGATCAGTGGACGCCCTGGGAGAGGGGAAGGCT
 CACGAGATCTGTCCCAGGGAACCTCGGCACGGCCGCTCCTGCCCTAGGGAGGCACACAGATTAC
 GACGTACCATCTTGGCCTACTACAGGGACGGGGCCCGCAGTGACCCTGTGTCCCTCCGCTATACCCCC
 TCCACGGTGAGCAGGAGCCACCTCCAACCTGGCCCTGGCCTCGGAGACCCCGACAGCCTGCAGGTG
 AGCTGGACGCCCCGCTTGGCCGCTGTCCATTACTGGCTCACCTACGCCCCGCTCTGGCTTGGGA
 CCCGAGAAATCCGTCTCTGTGCCAGGAGCCAGGAGCCACGTGACACTGCCGACCTGCAGGCAGCCACG
 AAGTACAGGGTCTGGTCTCAGTATCTATGCAGCAGGAGGAGTGAGGCTGTGTCTGCCACGGGCCAG
 ACAGCCTGCCAGCCCTCCGCCCTGACGGCTCCCTCCAGGGTTTGACCTGATGGTGGCCTTCAGCCTG
 GTGGAAAAGGCTTATGCGTCCATCCGGGGCGTGGCCATGGAGCCCTCTGCCTTCGGTGGGACCCGACC
 TTCACGCTCTTCAAGGACGCCAGCTGACAAGACGGGTGAGTGACGTCTACCCAGCCCCCTACCTCCA
 GAGCACACCATCGTCTTCTTGTGCGCCTACTTCCCGAGACACCCCGTGAGGCCTTCGCGCTGTGGCAG
 ATGACAGCCGAGGACTTCCAGCCCTCCTTGGGGTTCTGCTGGATGCCGGAAGAAGTCCCTGACCTAC
 TTCCACCGTGACCCAGGGCTGCCTTGACAGGAGCCACCTTCGACCCGACGGAAGTGAGGAAGATTTTC
 TTCGGGAGCTTCCACAAGGTGCAGTGGCTGTGGGCCGCTCCAAGGTGAGGCTCTATGTGGACTGCCGG
 AAGGTGGCTGAGCGGCCCTTGGGGAGATGGGCAGCCACCCGCTGCGGGCTTCGTACGCTGGGGAGG
 CTGGCCAAAGCCAGGGGCCCCGGAGCAGTTCGGCCGCTTTCAGCTCCAGATGCTGCAGATCGTGTGC
 AGTGACACCTGGCCGATGAGGACCGGTGCTGTGAGTCCCTGCCTCGAGGGATGGAGAGACCTGCCCC
 GCCTTCGTGTCTGCCTGTTCTTCTCAGAGACCCCTGGGCCCCAGGACCTCAAGGACCCCGAGGC
 CTCCTGGGAGGAATGGACCCAGGAGAGCAGGGCTTCCAGGGCCAGGGGTCCACAGGGGTCAA
 GGAGAGAAGGGAGACCATGGGCTTCCAGGCTTGACAGGGCCACCCGCGCCACAGGGCATCCCCGGGAGA
 GTTGGCTCCAGGGACCAAGGGAATGAGAGGCCTGGAGGGAAGTCTGGCCTGCCTGGACCCCTGGC
 CCCAGGGGGTTCAGGGCATGGCAGGGGCCAGGGGCACTAGTGGAGAGCGAGGACCTCCAGGGACCGTG
 GGGCCACAGGACTGCCAGGGCCAAAGGGGAACGAGGAGAGAAGGGCGAGCCGAGTCCCTGCCACC
 CTCTACCAGCTTGTGAGCCAGGCCTCACACGTGTCAAAGTTCGACTCCTCCACGAGAACCAGGCCC
 CCCATGCCCATCTTGAGCAGAAGCTGGAGCCGGGCACTGAGCCCTGGGGTCCCTGGCACCCTGAGC
 AAGGCCCTGGTCTTGGAGAATGGGGCGTGGTGGCCGCCACCTTGAGGGCAGAGGGGAGCTGGAGCT
 GTTGGTACAGATGGGCAGCCCTGGGCAGCAGGGGGCTAGCACCCAGGGCCTCTGGGAGTGA
 ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_020882
Insert Size:	3855 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_020882.2](#)

RefSeq Size: 4187 bp

RefSeq ORF: 3855 bp

Locus ID: 57642

UniProt ID: [Q9P218](#)

Cytogenetics: 20q13.33

Protein Families: Secreted Protein

MW: 135.8 kDa

Gene Summary: Probable collagen protein.[UniProtKB/Swiss-Prot Function]