

Product datasheet for **SC318644**

COL16A1 (NM_001856) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COL16A1 (NM_001856) Human Untagged Clone
Tag:	Tag Free
Symbol:	COL16A1
Synonyms:	447AA; FP1572
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001856, the custom clone sequence may differ by one or more nucleotides <pre> ATGTGGGTATCCTGGGCTCCTGGCTGTGGCTGCTCGGTCTTTGGGCTACCTTCGGCCAT GGGGCAAATACAGGTGCACAATGCCACCTTCACAGCAGGAAGGACTCAAATTGGAACAC AGTAGTAGCCTGCCAGCCAACGTGACTGGCTTCAACCTCATCCACCGACTCAGCCTCATG AAGACGTCTGCCATCAAGAAGATCCGCAACCCCAAGGGGCTCTCATCCTGCGCTGGGG GCGGCCCCGTGACCCAGCCACGCGAAGAGTATTCCTCGGGGTCTCCCGGAGGAGTTT GCCCTGGTGCTGACACTACTGCTGAAGAAACACACCCACCAGAAGACGTGGTATCTGTTT CAAGTGACCGATGCAAATGGGTATCCACAGATATCCCTGGAAGTCAACAGCCAAGAGCGG AGCCTGGAGCTCAGGGCCAGGGCCAGGATGGCGACTTTGTGTCTGCATCTTCCAGTG CCCCAGCTCTTCGACTTGCGTTGGCACAAGCTGATGCTGAGTGTGGCTGGACGTGTGGCC TCTGTGCACGTGGACTGCAGCTCAGCCTCCTCCAGCCTCTGGGGCCCCGACGACCCATG AGGCCTGTGGGCCATGTATTTCTAGGCTTGGATGCTGAGCAGGGCAAGCCTGTCTCGTTT GACCTTCAGCAGGTGCACATCTACTGTGACCCGGAGCTCGTGCTGGAGGAGGGCTGCTGT GAGATTTTACCAGCAGGGTGCCCCCAGAGACCTCCAAGGCCCGCCGGGACACCCAGAGC AATGAGCTCATTGAGATCAATCCACAGTCTGAAGGCAAGGTCTACACCCGCTGCTTCTGC CTGGAGGAGCCTCAAAACAGCGAGGTGGATGCCAGCTGACGGGAAGAATCAGCCAGAAG GCAGAAAGGGGAGCAAAGGTCCATCAGGAGACAGCAGCCGATGAGTGTCCGCCCTGTGTC CATGGTGCCCGGACAGCAATGTCACACTTGCTCCCTCTGGCCCCAAGGGAGGGAAGGT GAGCGGGGCTGCCTGGTCCACCAGGCTCCAAGGGAGAGAAGGGAGCACGGGGCAATGAC TGTGTTTGAATCTCCCCGGATGCCCCACTTCAGTGTGAGAAGGCCCGAAGGGAGAGAAG GGGGAGTCAGGAGCTCTGGGACCCTCAGGACTCCAGGCTCAACAGGCGAGAAGGGCCAG AAAGGCGAGAAGGGCGACGGAGGCATCAAGGGCGTGCCGGGAAAGCCAGGCCGGGACGGC CGGCCAGGAGAGATCTGTGTCATTGGGCCCAAAGGGCAGAAGGGAGACCCTGGCTTGTGTT GGGCCTGAGGGGCTGGCAGGAGAGCCTGGGCCCCCGGCCTCCCTGGACCCCTGGGATA GGAAGTGCCTGGGACCCCGGGGATCCAGGTGGCCACCAGGCCCAAGGGAGACAAGGGC AGCTCGGGGATCCAGGAAGGAAGGCCCTGGTGGGAAACCTGGGAAGCCAGGTGTGAAG GGAGAGAAGGGTGACCCCTGTGAAGTGTGCCCAACACTGCCTGAAGGGTTCCAGAAGTTT GTTGGACTTCTTGAAAGCCAGGGCCCAAGGGGAGCCTGGTGATCCTGTACCAGCCAGG GGAGACCTGGCATCCAAGGCATCAAAGGAGAGAAGGGGGAGCCCTGCTTGTCTGCAGC TCGGTTGTAGGGGCCAGCATCTGTGTCTCCACAGGGGCCAGTGGAGATGTGGGTTCC </pre>



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 GGCATCCCTGGGCCCCGGGTCCCATGGGCCAGCCAGGCAAGGCTGGCCACTGTAATCCC
 TCTGACTGCTTTGGGGCATGCCGATGGAGCAGCAGTACCCACCCATGAAAACCATGAAG
 GGGCCTTTTGGC

Restriction Sites:	Please inquire
ACCN:	NM_001856
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:	<u>NM_001856.3</u> , <u>NP_001847.3</u>
RefSeq Size:	5584 bp
RefSeq ORF:	4815 bp
Locus ID:	1307
UniProt ID:	<u>Q07092</u>
Cytogenetics:	1p35.2
Gene Summary:	This gene encodes the alpha chain of type XVI collagen, a member of the FACIT collagen family (fibril-associated collagens with interrupted helices). Members of this collagen family are found in association with fibril-forming collagens such as type I and II, and serve to maintain the integrity of the extracellular matrix. High levels of type XVI collagen have been found in fibroblasts and keratinocytes, and in smooth muscle and amnion. [provided by RefSeq, Jul 2008]