

Product datasheet for **SC314630**

COL14A1 (BC014640) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COL14A1 (BC014640) Human Untagged Clone
Tag:	Tag Free
Symbol:	COL14A1
Synonyms:	collagen, type XIV, alpha 1; UND; undulin (fibronectin-tenascin-related)
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for BC014640, the custom clone sequence may differ by one or more nucleotides

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ATGGATCCTGGAGCATTGGAGATGAAAAATTTCAATAAGATCATCAGCTTTCTATACAGC
ACTGTTGGAGCCCTGAACAAGATTGGCACAGATGGAACCCAAGTTGCAATGGTTCAGTTC
ACTGATGATCCCGAACAAGAATTTAACTAAATGCTTACAAAACCAAAGAGACTCTTCTT
GATGCAATTAACACATTTTCATACAAAAGGAGGAAATACAAAAACAGGAAAAGCAATTAAG
TATGTTCCGAGATACCTTTGTTCACTGCAGAGTCAGGTACAAGAAGGGGCATCCCAAAGGTT
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CAATTAGATGGCTATAGCATTTTTGAATTGGTGTGGCCGATGCAGATTACTCGGAGTTG
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GTGTTTCCATGTTACCACTCCATAAAGATGCCCTGGTTTCCAGCCAACCAGGTAATTG
CACCCAGAAGGATTGCCCTCCGACTACACAATCAGTTTTTCTATTCCGGATTCTTCCTGAC
ACTCCACAGGAGCCATTTGCTCTTTGGGAGATTTAAATAAAAAATCTGACCCATTGGTT
GGGGTTATTTTAGACAATGGTGGGAAAACCTCTAACATATTTCAACTATGACCAGAGTGGG
GATTTTCAAACCTTACTTTTGAAGGACCTGAAATTAGGAAAAATTTTTATGGAAGCTTT
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CAGCAAGGTGAACCGGGTCCAAAGGGACCAGATGGCCCTCGGGGTGAAATTGGTCTGCCA
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GGAATGCCAGGAGAAAAAGGAGAGAAAAGGAGATACTGGCCTTCCAGGTCCACAGGGTATC
CCAGGAGGCGTTGGTTCACCAGGACGTGATGGCTCACCAGGCCAGAGGGGCTTCCGGGA
AAGGATGGATCCTCGGGACCTCCAGGACCACCAGGGCCAATAGGCATTCTGGCACCCCT
GGAGTCCCAGGGATCACAGGAAGCATGGGACCGCAAGGCGCCCTGGGACCACCTGGTGTG
CCTGGAGCAAAGGGGAAACGAGGAGAGCGGGGTGACCTGCAGTCTCAAGCCATGGTGA
TCAGTGGCGCGTCAAGTATGCGAACAGCTCATCCAGAGTCACATGGCCAGGTACACTGCC
ATCCTCAACCAGATTTCCAGCCACTCCTCATCCATCCGGACTGTCCAAGGGCCTCCTGGG
GAGCCTGGGAGGCCAGGCTCACCTGGAGCCCTGGTGAACAAGGACCCCAAGGCACACCA
GGCTTCCCGGAAATGCAGGCGTGCCAGGGACCCAGGAGAACGAGGTCTAACTGGTATC
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GCAGGACCTTCAGGGGAGAGTCCGCCTGGCAGCCCTGGGCCCCCTGGCTCTCCTGGACCA
AGAGGCCACCAGGTCACTCTGGGGTTCTGGACCCCAAGGTCTTCTGGCCAGCCTGGA
TATTGTGACCCCTCATCATGTTCTGCCTATGGTGTGAGAGCTCCCATCCAGATCAGCCA
GAGTTCACCCCTGTCCAAGATGAGCTGGAAGCCATGGAAGTGTGGGGCCCTGGAGTC

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Restriction Sites: Please inquire

ACCN: BC014640

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:	<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:	BC014640.1 , AAH14640.1
RefSeq Size:	3479 bp
RefSeq ORF:	2280 bp
Locus ID:	7373
Cytogenetics:	8q24.12
Domains:	VWA, TSPN, Collagen
Protein Families:	Transmembrane
Gene Summary:	This gene encodes the alpha chain of type XIV collagen, a member of the FACIT (fibril-associated collagens with interrupted triple helices) collagen family. Type XIV collagen interacts with the fibril surface and is involved in the regulation of fibrillogenesis. [provided by RefSeq, Jan 2013]