

Product datasheet for **SC114747**

COBLL1 (NM_014900) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COBLL1 (NM_014900) Human Untagged Clone
Tag:	Tag Free
Symbol:	COBLL1
Synonyms:	COBLR1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014900, the custom clone sequence may differ by one or more nucleotides

ATGGACGGCCGAACCCCGCGCCCGCAGGACGCCCCAGCCAGGAGAAAACCAAAGCCAAGGCACCACTTC
CTCCAGCTGAGACCAATATACTGATGTCTCTTCAGCTGCTGATTCTGTAGAATCCACTGCTTTTCATCAT
GGAACAGAAAGAAAACATGATAGATAAAGACGTTGAACTCTCAGTGGTCCTACCTGGGGATATTATCAAA
TCTACTACTGTTTCATGGCAGTAAACCTATGATGGACTTGTGATATTCCTTTGTGCACAGTATCACTTAA
ATCCATCAAGTTACACAATCGATCTGTTGTGAGCTGAACAGAACCATTAATTTAAGCCAAACACACC
AATAGGAATGTTGGAGGTAGAGAAGGTAATTTTAAAGCCAAAAATGTTGGATAAGAAAAACCTACACCT
ATAATACCAGAGAAAACGTGAGAGTAGTGATTAATTTTAAAGAAACACAGAAGACCATAGTGAGAGTGA
GTCCACATGCATCGCTTCAAGAGCTTGCCCTATTATATGTAGCAAATGTGAGTTTGATCCGTTGCATAC
ACTATTGTTGAAAGATTATCAATCGCAGGAGCCTCTTGACTTGACAAAATCTCTTAATGACCTGGGACTA
AGAGAATTATATGCGATGGATGTCAACAGAGAGTCCTGCCAAATATCACAAAACCTAGATATTATGAAGG
AGAAAGAAAAATAAGGGTTTTTCAGTTTTTTTCAACGCAGTAAGAAAAAGCGAGACCAAACTGCAAGTGC
CCCTGCAACCCCTCTAGTAAATAAGCACCGCCCACTTTTACAAGGTCCAATACCATTTCCAAACCATAT
ATTTCCAACACCCCTGCCGTGGATGCACCAAGAAGAGGCGGGCTCCACTGCCCCGATGCCAGCATCTC
AGAGTGTCCCCAAGACCTTGACACATCCAGGAGAGGCTGCTTCTTGATAGTGAATCCATGAGCGT
GGATGAGACAGATAAGAGTCCCTGTGAAGCAGGAAGAGTGAGGGCAGGTTCACTGCAGCTCAGCAGCATG
TCTGCAGGGAATTCATCTTTGAGAAGGACAAAGCGAAAAGCACCTTCCCCACCCTCCAAAATACCCCGC
ATCAAAGTGATGAAAATAGTCGTGTGACTGCCTTACAGCCAGTAGATGGAGTTCTCCAGACAGTGCTTC
AGAAGCAAACCTCTCTGAGGAGCTATCCAGCCAGAAACCTTTACCCTGGGCTTTCCAGTCAGGAGCAG
TGCACTGCGCCCAACTGATGGAGGAAACCTCTGTCTTTGAGTGCCTGGGACACCTGAGGCAGCCATAA
CATCATTGACATCTGGAATAAGCTCTGATTATAGCCTTGAAGAGATAGATGAAAAGGAAGAACTGAGTGA
AGTGCCTAAAGTTGAAGCTGAAAATATTCTCCGAAGTCACAAGATATTCCTTTTGTATCTACTGATATA
ATAAATACACTGAAAATGATCCTGACTCAGCCCTTGGCAATGGTAGTGGAGAGTTCTCACAAAACCTCCA
TGAAGAAAAACAAGAACTAAAAGCACAGATGGACAAGAACCACACAGTGTAGTATATGATACAAGCAA



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TGGAAGAAGGTAGTTGACAGTATAAGAACTTGAAGTCGTTGGGCCAAACCAAGAGAATGTTCAAAAT
 GAAATAATTGTCTATCCAGAGAACACAGAAGACAATATGAAAAATGGAGTGAAGAAAACAGAAATCAATG
 TAGAAGGTGTTGCCAAAAATAACAACATTGATATGGAAGTTGAGAGACCATCAAACCTCTGAGGCACATGA
 AACTGATACTGCTATAAGTTACAAGGAAAACCATCTAGCAGCTTCATCAGTACCAGATCAAAAACCTGAAT
 CAACCCAGTGCAGAAAAGACAAAAGATGCAGCAATTGAGACAACCCCTTCTTGTAAACAGTTTTGATGGGA
 AACACCAAGATCATAATTTATCTGACTCCAAAGTTGAAGAATGTGTGCAAACTTCAAATAACAACATATC
 AACTCAACACTCATGCTTAAGTTCACAAGATTCTGTAATACCTCAAGGGAATTCAGGAGTCAAGGCACC
 CTAATTATACATTGAGAAGATCCGCTTACCGTAAAAGATCCAATTTGTGCACATGGTAATGATGATCTTT
 TGCTCTCTGTAGATAGGATTGACAAAAATTCCACTGCTTCTTACCTAAAGAATTACCCACTTTATAGACA
 GGACTACAATCCCAAGCCAAAACCTTCAAATGAAATTACACGAGAGTATATACCCAAAATTGGCATGACT
 ACTTATAAAATAGTGCCTCCCAATCCTTGAAAATATCGAAAGACTGGCAATCAGAAACCATAGAGTATA
 AAGATGATCAGGACATGCATGCTTTAGGGAAAAAGCACACTCATGAGAATGTGAAAGAACTGCCATCCA
 AACAGAAGATTCTGCTATTTCTGAAAGCCGAGAAGAGCCACTGCCAAACCTTAACCGAAGCCTAACCTG
 AGAACAGAGCATCAAGTGCCAGTTCTGTGAGCTCACCTGATGATGCCATGGTTAGTCTCTGAAACCTG
 CTCCCAAAATGACAAGAGACACTGGCACAGCTCCTTTTGCACAAATTTGGAAGAAATAACAATATTTT
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 AAGAGAGTATCGGGTCACTATGTGACATCTGCAGCTGCCAAGAGTGTCCATGCTGCCCTAATCCTGCTC
 CAAAAGAAGTGAACAATAAGAGGCAGAAAGGGATATGCTGCCTTCTCCGGAGCAGACTCTTTCTCCCTT
 AAGTAAAATGCCTCACTCTGTTCCACAACCCCTTGTGAAAAAAGTATGATGATGTCATCGGTCAAGCT
 CCTGCTGAAGCCTCCCTCCTCCCATAGCTCCAAACCTGTGACAATCCTGCTAGTCAGGTATCCACAC
 AAAATCTGAAGACTTTGAAAACCTTTGGTGCCCAAGCAGGAGTCAAGTCTGCTGCTTACCGCTTGC
 TCTTGTGTAGTGAAGAGTACAGTCTTTCAGTAAAGAGCGACCGAGTCACTAGTGCCAGTGCATTG
 GTCCAACTCCAGCCAAACACAGAGGAAGGAAGACTCATTCTGTAATAAATTTGTGACATCCACAGC
 TTGGTGTGTCTGATAAGGAAAAAATACTCTGCACATAATGAACAGAATTCCCAATACCAACTCCAATGA
 TGGCCCATCATCACTGTTATGAGACAAAGTCTTTAACATTCCAAGCTCTGACCCAGAACAGATGCGA
 CAGAGTTTGTGACTGCAATCCGTTGAGGAGAGGCTGCTGCCAAATTGAAAGGGTTACCATTCATCAA
 ATACAATATCTGTGAATGGAAGGTCAAGACTCAGCCATTCATGTCCCCTGATGCCAGGACGGCCATTA
 A

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_014900 unedited
 CATTTGTATACGACTACTATAGGCGGCGCGAATTTCGCACGAGGGGAGCTGGAGCCCG
 CGCAGCGCCCCGAGGGCGATGGACGGCCGAACCCGCGCCGAGGACGCCCCAGCCAG
 GAGAAAACCAAAAGCCAAGGCACCACTTCTCCAGCTGAGACCAAATATACTGATGTCTC
 TTCAGCTGCTGATTCTGTAGAATCCACTGCTTTCATCATGGAACAGAAAGAAAACATGAT
 AGATAAAGACGTTGAACTCTCAGTGGTCTACCTGGGGATATTATCAAATCTACTACTGT
 TCATGGCAGTAAACCTATGATGGACTTGTGATATTCCTTTGTGCACAGTATCACTTAA
 TCCATCAAGTTACACAATCGATCTGTTGTCAGCTGAACAGAACCATTAATTTAAGCC
 AAACACACCAATAGGAATGTTGGAGGTAGAGAAGGTAATTTTAAAGCCAAAAATGTTGGA
 TAAGAAAAAACCTACACCTATAATACCAGAGAAAAGTGTGAGAGTAGTGATTAATTTTAA
 GAAAACACAGAAGACCATAGTGAGAGTGAGTCCACATGCATCGCTTCAAGAGCTTGCCCC
 TATTATATGTAGCAAAATGGTGAGTTTGATCCGTTGCATACACTATTGTTGAAAGATTATC
 AATCGCAGGAGCCTCTTGACTTGACAAAATCTCTTAATGACCTGNGACTAAGAGAAATTA
 TATGCGATGGATGTCACAGAGAGTCTGCCAAAATCACAAACCTAGAATTATGAAGGAGA
 AGAAAAATAAGGTTTTTTCAGTTTTTTTCAACGCAGTAAGAAAAGCGAGACAATGGCAG
 TGCCCCTGACCCCNATGTAATAAGCACGCCACTTTTACAGGTCATACCATTC

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_014900 unedited <pre> ACTTTGGACCGGCGGCCGCATNCTAGGATCGAGTTTTTTTTTTTTTTTTTTGGTTTTAGT GAAAACAATTTAATATCATCTTGTGTTGAACAAAGCTTTCAGAATAAGTGAGCAATTAAAT TCTTAAAGTAGGGACAGAACACCAACAGGCTCTAGACTCCGGAAGAGCTGTAAGCCGACA AATGGGCATTGTTTTGCTTAACAGTTTTAGCTTCAATGTNAAATATATATTACTTAG AATATTAGCATCTGAACATATAATGACTATTTTATCATTTTACTTGAATTAACCAGAG ATTTCTGGAACTTCCAAATAGTCTTTAAAGTTTTTCAATATAAACATAAACTAACCCCT ATTCTCTCTACATATCAAATGTGAAATAACTGTCACAATATATCAGCATTTTCACAGAA AGATGTTTAAGGCTTCTGGCACATAAAATGTGTAATTTCTGTGTGACAATGTCATAATTA TATACAGAAAATATTTAAATTTCTGTAGAATTTAGTTCTAAAGATTAACAAAAACAAGAG TTCCATGTTAATAAAATATTTAAATACTATGAGCTTCCATAAAATGACAGTGATTTGT AATTACATAAAGAATACACAAGGGCAGTCTTTCACACTAAGTGATTCATCATTGAAAAAT AATATTGAAGTGAATATANNCTATTGGTATCACTAGTTTTCTAAATCATTCTTTNCAGCC CAAAAAAGGCTTTCATATAACTTATAAAATTTTCCAATTGCTANCACTGAGCAGCAAATG TCATATCTATGGTTTGGCCTAATGGNATGTCATACAATATAAAGTCTATGAAATCTATAC TTTTGNCTAAGNCACATTGTANAGAATGGGCTGGTAAGTAAAAATCATACAAAGGAATTA TTTTTCATTGTAAAAATGAAATCATTTACACCTTGNTTTAAGTTCTAAAGCAGCTAATT CACCTTTTAAGGCAAAAAAAGATCAAAAATCCCTTTATTTTAATCTGGNACTTTCCTTC TGCATAAA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_014900
Insert Size:	4370 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:	<u>NM_014900.3</u> , <u>NP_055715.3</u>
RefSeq Size:	9488 bp
RefSeq ORF:	3501 bp
Locus ID:	22837
UniProt ID:	<u>Q53SF7</u>
Cytogenetics:	2q24.3
Domains:	WH2