

Product datasheet for **SC320128**

HAPLN1 (NM_001884) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HAPLN1 (NM_001884) Human Untagged Clone
Tag:	Tag Free
Symbol:	HAPLN1
Synonyms:	CRT1; CRTL1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001884.2
 GGGTTCAAAATCTCACAAGCCTCTTTGTATGTGATGCTCTCGCAGTGAAGAAGATTCTTT
 GGGCTATAAAGATGAAGAGTCTACTTCTTCTGGTGTGATTTCAATCTGCTGGGCTGATC
 ATCTTTCAGACAATACTCTGGATCATGACAGAGCTATTACATCCAAGCAGAAAAATG
 GCCCCATCTACTTGTGGAAGCAGAGCAAGCAAGGTGTTTTACACAGAGGTGGCAATG
 TCACTGCCATGTAATTTTTATCGAGACCCTACAGCATTGGCTCAGGAATCCATAAAA
 TCCGAATTAAGTGGACCAAGCTAACTTCGGATTACCTCAAGGAAGTGGATGTTTTGTTT
 CCATGGGATACCACAAAAAACCTATGGAGGCTACCAGGTAGAGTGTCTGAAGGGAG
 GCAGTGATAGTGCTTCTCTGGTCATCACAGACCTCACTCTGGAAGATTATGGGAGAT
 ATAAGTGTGAGGTGATTGAAGGATTAGAAGATGATACTGTTGTGGTAGCACTGGACTTAC
 AAGGTGTGGTATTCCTTACTTTCCAGACTGGGGCGCTACAATCTCAATTTTCCAGAGG
 CGCAGCAGGCGTGTCTGGACCAGGATGCTGTGATCGCCTCTTCGACCAGCTGTACGACG
 CCTGGCGGGGCGGCTGGACTGGTGAATGCCGGCTGGCTCAGTGATGGCTCTGTGCAAT
 ATCCCATCACAAGCCCAGAGAGCCCTGTGGGGCCAGAACACAGTGCCCGGAGTCAGGA
 ACTACGGATTTTGGGATAAAGATAAAAGCAGATATGATGTTTTCTGTTTTACATCCAATT
 TCAATGGCCGTTTTTACTATCTGATCCACCCACCAAACCTGACCTATGATGTAGCGGTGC
 AAGCTTGTCTCAATGATGGTGCTCAGATTGCAAAAAGTGGGCCAGATATTTGCTGCCTGGA
 AAATTCTCGGATATGACCGCTGTGATGCGGGCTGGTTGGCGGATGGCAGCGTCCGCTACC
 CCATCTCTAGGCCAAGAAGGCGCTGCAGTCTACTGAGGCTGCAGTGCCTTCGTTGGGTT
 TCCCAGATAAAAAGCATAAGCTGTATGGTGTCTACTGCTTCAAGAGCATACTCAATGAT
 GCCCTTAGAGCGCATCAGTTTTAAAGTCATTAAGAACATGTGAAAGGTGTTTTTTTTTTC
 CAATATGAAGTCAAGTACCAAACTGTGATAACCTTTTTTACTTACTGTAAGA
 GTCATTTTCATAAAGATCAATTCATTGATTTGTTTTTTGTAAGCTATCATTCAATATAT
 ATTATAAATTAATAAAATTTAAGGGAAGCTCTATGTAAGGAGACTTAGAGCCAAACTGT
 TTAAGCTGTATCATCCCAACAAAGTATCCTTTCATGAACGGGGCATGCAATAGCTTAAGA
 ATTGCTAGGATTAATAAAGAAAGTAAAGCTACTCAGAGCAGCAGGTTCCACAAGCACA
 AACTTTACACATTTGTACAATTTGAAATGCACTACAATAAACAAATTAGAGCAACACAT
 TTGAAATACAGGCTTCTTTACATAAACTGAGAGGTTATACAAAACCTCAGTTTCAAGGG
 AACAACTATACCTTTCTAAAAGTTAATATTTCAAGTCTCTAATAGGCAGAAATTTTAC
 TCTTTAAATCCTGCCTTTCTGACCGAAAAA

Restriction Sites: Please inquire

ACCN: NM_001884

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:	NM_001884.2 , NP_001875.1
RefSeq Size:	1759 bp
RefSeq ORF:	1065 bp
Locus ID:	1404
UniProt ID:	P10915
Cytogenetics:	5q14.3
Domains:	Xlink, ig, IGv, IG
Gene Summary:	Stabilizes the aggregates of proteoglycan monomers with hyaluronic acid in the extracellular cartilage matrix.[UniProtKB/Swiss-Prot Function]