

## Product datasheet for **SC122915**

### **HAPLN2 (NM\_021817) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	HAPLN2 (NM_021817) Human Untagged Clone
Tag:	Tag Free
Symbol:	HAPLN2
Synonyms:	BRAL1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_021817 edited  
 TTGCAAAGGCAATGCGCACTCAGGCACCAGAGGGCAGAGGGGCTCAAGTTCAGGGTTTT  
 AAGGTGCTTGGAAGCTCCAGGAGCCTGGCAAACCTTCATCCAGAACCTTCTCCTCAAGCA  
 AGACAAAAGCTGCTAAGCACTGCTCCCTCCGTCTCTGTGAAGAGACCAGCTTCTAACAG  
 ACGGTGCCGGGCTGACCCCCATCATGCCAGGCTGGCTCACCTCCCCACACTCTGCCGC  
 TTCCTTTTGGGCCTTACCATCTTCCACAAAGCCCAAGGAGACCCAGCATCCCACCCG  
 GGCCCCACTACCTCTGCCCCCATCCACGAGGTCATTACTCTCATCGTGGGGCCACG  
 GCCACGCTGCCCTGCGTCTGGGCACCACGCTCCAGCTACAAGGTGCGCTGGAGCAAG  
 GTGGAGCCTGGGAGCTCCGGGAAACGCTGATCCTCATACCAACGGACTGCACGCCCGG  
 GGGTATGGGCCCTGGGAGGGCGCGCCAGGATGCGGAGGGGGCATCGACTAGACGCCTCC  
 CTGGTCATCGCGGGCTGCGCCTGGAGGACGAGGGCCGGTACCGCTGCGAGCTCATCAAC  
 GGCATCGAGGACGAGAGCGTGGCGTGACCTTGAGCTTGAGGGTGTGGTGTTCCTGAC  
 CAACCCAGCCGGGGCCGGTACCAGTTCAATTACTACGAGGCGAAGCAGGCGTGCGAGGAG  
 CAGGACGACGCCTGGCCACCTACTCCCAGCTCTACCAGGCTTGACCGAGGGTCTGGAC  
 TGGTGTAACGCGGGCTGGCTGCTCGAGGGCTCCGTGCGCTACCTGTGCTCACCGCACGC  
 GCCCGTGCGGCGCCGAGGCGCCCGGGATCCGCAGCTACGGACCCCGCGACCGGATG  
 CGCAGCCGCTACGACGCCTTCTGCTTACCTCCGCGCTGGCGGGCCAAGTGTCTTCGTG  
 CCCGGGCGGTGACGCTGTCTGAAGCCCACGCGCGTGCCTGGCGACGCGCGCCGTGGT  
 GCCAAGGTTGGGCACCTTACGCCGCCTGGAAGTTTTCGGGGCTAGACCAGTGGCAGCGC  
 GGCTGGCTGGTGACGGCAGTGTGCGCTTCCAATCACCACGCCGAGGCCGCGCTGCGGG  
 GGGCTCCCGGATCCCGGAGTGCAGTTCGGCTTCCCAGGCCCAACAGGCAGCCTAT  
 GGGACCTACTGCTACGCCGAGAATTAGGCGCCACCCTGTCCTCCAGCGCGCGCAAG  
 AAGCTTGGGAGTGTGGCGGGGTCTCTCGCACCCCTTCCGGAGAGCCTCCCCTCCT  
 CCAGACCCGAGCGGCCTCTCCAGACCTGCCTTCCCAGCCGGGGCTGCGGGCCTCGGAC  
 CCCGGCTGGCCCGCGGGGGAGGGGAGGCGGGGGCGCTCCGCGCGGAGATGCAGAG  
 GTGACCTCGGACCCGCTGCCGTTGCGAACCTAGCAGAGGACTCAGCCACCGCGGGG  
 GGAGGGTGGAGCGCCGGGGGCACTAACTGACCTCTGAGTACAGCAATAAAATAACCTGG  
 GGATCAAA  
 AAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_021817 unedited  
 AAGACGTTANCTTTTGTAAATACGACTTACTATNAGGGCGGCCGCGCATTCCCGGGATTT  
 GCAAAGGCAATGCGCACTCAGGCACCAGAAGGCAGAGGGGCTCAAGTTCAGGGTTTTAA  
 GGTGCTTGGAAGCTCCAGGAGCCTGGCAAACCTTCATCCAGAACCTTCTCCTCAAGCAAG  
 ACAAAAAGCTGCTAAGCACTGCTCCCTCCGTCTCTGTGAAGAGACCAGCTTCTAACAGAC  
 GGTGCCGGGCTGACCCCCATCATGCCAGGCTGGCTCACCTCCCCACACTCTGCCGCTT  
 CCTTCTTTGGGCCTTACCATCTTCCACAAAGCCCAAGGAGACCCAGCATCCCACCCGGG  
 CCCCCACTACCTCTGCCCCCATCCACGAGGTCATTACTCTCATCGTGGGGCCACGGC  
 CACGCTGCCCTGCGTCTGGGCACCACGCTCCAGCTACAAGGTGCGCTGGAGCAAGGT  
 GGAGCCTGGGAGCTCCGGGAAACGCTGATCCTCATACCAACGGACTGCACGCCCGGGG  
 GTATGGGCCCTGGGAGGGCGCGCCAGGATGCGGAGGGGGCATCGACTAGACGCCTCCCT  
 GGTATCGCGGGCTGCGCCTGGAGGACGAGGGCCGGTACCGCTGCGAGCTCATCAACGG  
 CATCGAGGACGAGAGCGTGGCGTGACCTTGAGCTTGAGGGTGTGGTGTTCCTGACCA  
 ACCCAGCCGGGGCCGGTACCAGTTCAATTACTACGAGGCGAATCATGCGTGCGATGAGCA  
 TGACGGACGCCTGGCCACCTACTCCCAGCTCTACCAGGCTTGACCGAGGGTCTGGACTG  
 GTGTAACGCGGGTGGCTGCTCGAGGGCTCCGTGCGCTACCTGTGCTCACCGCACGA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_021817  
**Insert Size:** 1630 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_021817.2</a> , <a href="#">NP_068589.1</a>
<b>RefSeq Size:</b>	1795 bp
<b>RefSeq ORF:</b>	1023 bp
<b>Locus ID:</b>	60484
<b>UniProt ID:</b>	<a href="#">Q9GZV7</a>
<b>Cytogenetics:</b>	1q23.1
<b>Protein Families:</b>	Secreted Protein
<b>Gene Summary:</b>	Mediates a firm binding of versican V2 to hyaluronic acid. May play a pivotal role in the formation of the hyaluronan-associated matrix in the central nervous system (CNS) which facilitates neuronal conduction and general structural stabilization. Binds to hyaluronic acid (By similarity).[UniProtKB/Swiss-Prot Function]