

## Product datasheet for SC305066

### HAPLN4 (NM\_023002) Human Untagged Clone

#### Product data:

|                           |                                                                                         |
|---------------------------|-----------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                     |
| Product Name:             | HAPLN4 (NM_023002) Human Untagged Clone                                                 |
| Tag:                      | Tag Free                                                                                |
| Symbol:                   | HAPLN4                                                                                  |
| Synonyms:                 | BRAL2                                                                                   |
| Mammalian Cell Selection: | Neomycin                                                                                |
| Vector:                   | pCMV6-Entry (PS100001)                                                                  |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                                    |
| Fully Sequenced ORF:      | >SC305066 representing NM_023002.<br>Blue=Insert sequence Red=Cloning site Green=Tag(s) |

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**  
 ATGGTGTGCGCTCGGGCGGCCCTCGGTCCCGCGCGCTCTGGGCCGCGGCCTGGGCGTCCTGCTGCTC  
 ACAGCCCTGCGGGGCGCAGCGTGGCCGAAGAAGTCGTGCACGTGCTGGAGGTGAGTCGGGCTCG  
 GTAGTGTACAGACAGCGCTGGCAGGTGTAAGCCACCGTGGTGGCACCATCGTCTTGCCCTGCCGC  
 TACCACTATGAGGCAGCCGCCACGGTCACGACGGCGTCCGGCTCAAGTGGACAAAGGTGGTGACCCG  
 CTGGCCTTACCGACGTCTTCGTGGCACTAGGCCCCAGCACCGGCATTGGCAGCTACCGTGGGCGG  
 GCTGAGCTGCAGGCGACGGGCTGGGGATGCCTCCCTGGTCTCCGCAACGTACGCTGCAAGACTAC  
 GGGCGCTATGAGTGCGAAGTCACCAATGAGCTGGAAGATGACGCTGGCATGGTCAAGCTGGACCTGGAA  
 GGCGTGGTCTTTCCCTACCAACCCCGTGGAGGCCGATACAAGCTGACCTTCGCGGAGGCGCAGCGCGC  
 TGCGCCGAGCAGGACGGCATCCTGGCATCTGCAGAACAGCTGCACGCGGCCTGGCGCGACGGCCTGGAC  
 TGGTGCAACGCGGGCTGGTTGCGCGACGGCTCAGTGCAATACCCCGTGAACCGGCCCGGGAGCCCTGC  
 GGCGGCTGGGGGGACCGGAGTGAGGGGGCGGCGTGATGCCAACGGGGGCTGCGCAACTACGGG  
 TATCGCCATAACGCCGAGGAACGCTACGACGCCTTCTGCTTACGTCCAACTGCCGGGGCGCGTGTTT  
 TTCCTGAAGCCGCTGCGACCTGTACCTTCTCCGAGCTGCGCGCGCGTGTGCTGCGCGTGGCGCGGCC  
 GTGGCCAAAGTGGGCGAGCTGTTCCGCGGTGGAAGCTGCAGTGCTAGACCGCTGCACCGCGGTTGG  
 CTGGCCGATGGCAGTGCGCGCTACCCATCGTGAACCCGCGAGCGCGCTGCGGAGGCCCGCAGGCCTGGT  
 GTGCGCAGCCTCGGCTTCCCGGACGCCACCCGACGGCTCTTCGGCGTCTACTGCTACCGCGCTCCAGGA  
 GCACCGGACCCGACCTGGCGGCTGGGGCTGGGCGGGCGGCGGCGGCTGGGCAGGGGGCGCG  
 CGCGATCTGCTGCCTGGACCCCTCTGCACGCT**TAG**  
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI



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|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCN:</b>                  | NM_023002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Insert Size:</b>           | 1209 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>OTI Annotation:</b>        | 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.                                                                                                                                                                                                                                                      |
| <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>                | <u><a href="#">NM_023002.2</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq Size:</b>           | 3461 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1209 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 404037                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>            | <u><a href="#">Q86UW8</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 19p13.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Families:</b>      | Secreted Protein, Transmembrane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>MW:</b>                    | 42.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Summary:</b>          | Binds to hyaluronic acid and may be involved in formation of the extracellular matrix.<br>[UniProtKB/Swiss-Prot Function]                                                                                                                                                                                                                                                                                                                                                                                               |