

Product datasheet for MC211473

HapIn2 (NM_022031) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: HapIn2 (NM_022031) Mouse Untagged Clone
Tag: Tag Free
Symbol: HapIn2
Synonyms: 4930401E20Rik; Bral1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211473 representing NM_022031
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCAAGCAGGATCCCTCTCCCTGCGTCTGCTGCTTCCTTCTCCCCTGGGCCTTACCAGCTTTCACA
 AAGCCCTGGGGAATCCGGCCCCATCCGGTCCCCTACTCTCTGCCCCATCCACGAGGTCATTCA
 CTCTCGTCGTGGGGCCACGGCCACTGCCCTGCGTCCTGGGCACCTCGCTCCAGCTACAAAGTACGC
 TGGAGCAAAGTGGAGCCCGGTGAGCTGCGGAAACGCTAATCCTATTACCAACGGACTGCACGCCCGGG
 ACTACGGGCTCCTGGGAGGGCGCCAGCTTGGGAGAGGGCATCGGCTGGACGCCCTCCCTGATCATCAA
 GAACGTGCGTCTGGAGGATGAGGGTCCGTACCGCTGCGAGCTCATCAATGGCATTGAGGACGAGAGCGTG
 GCACTGACCCTGCGCCTGGAGGGTGTGGTGTTCCTACCAACCCAGCCGAGGCCGCTACCAGTTCAATT
 ACTTCGAAGCGAAGCGGGCGTGTGAAGAGCAGGACGGACGCCCTGGCCACTTACGGCCAATCTACCAGGC
 GTGGACCGAGGGGCTGGACTGGTGAACGCCGGCTGGTTGCTCGAGGGCTCCGTGCGTTACCCTGTGCTC
 ACCGCGCGGGCTCCGTGCGGCGCCACGGGCGCCAGGCATCCGCAGCTACGGCCCCCGACCCGAGCC
 GCGACCGCTATGACGCTTCTGCTTACCTCGGCCCTGGCAGGCCAGGTGTTCTTCTGTCGGGGCGGCT
 GACGCTGTCAGAAGCCACGCGGCTTCCGGAGGCGCGGAGCCGTAGTAGCCAAGGTCGGGCACCTCTAC
 GCCGCTGGAAGTTCTCCGGCCTGGATCAATGCGACGGAGGCTGGCTGGCGGACGGCAGCGTTCCGTTCC
 CCATCACGACGCCGCGCCGCGCTGTGGGGTCTCCCTGACCCAGGGGTGCGCAGCTTCCGCTTCCCCG
 ACCCCAGCAGGCGTCTACGGGACCTACTGCTATGCCGAGAAGTAG

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022031



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Insert Size:	1026 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:	<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:	<u>NM_022031.2</u> , <u>NP_071314.1</u>
RefSeq Size:	2055 bp
RefSeq ORF:	1026 bp
Locus ID:	73940
UniProt ID:	<u>Q9ESM3</u>
Cytogenetics:	3 38.78 cM
Gene Summary:	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. [UniProtKB/Swiss-Prot Function]