*h*BRAL1/HAPLN2 VersaClone cDNA

Catalog Number: RDC3412

Specifications:

Gene:	*h*HAPLN2
Accession:	NP_068589.1
Insert size:	1036bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

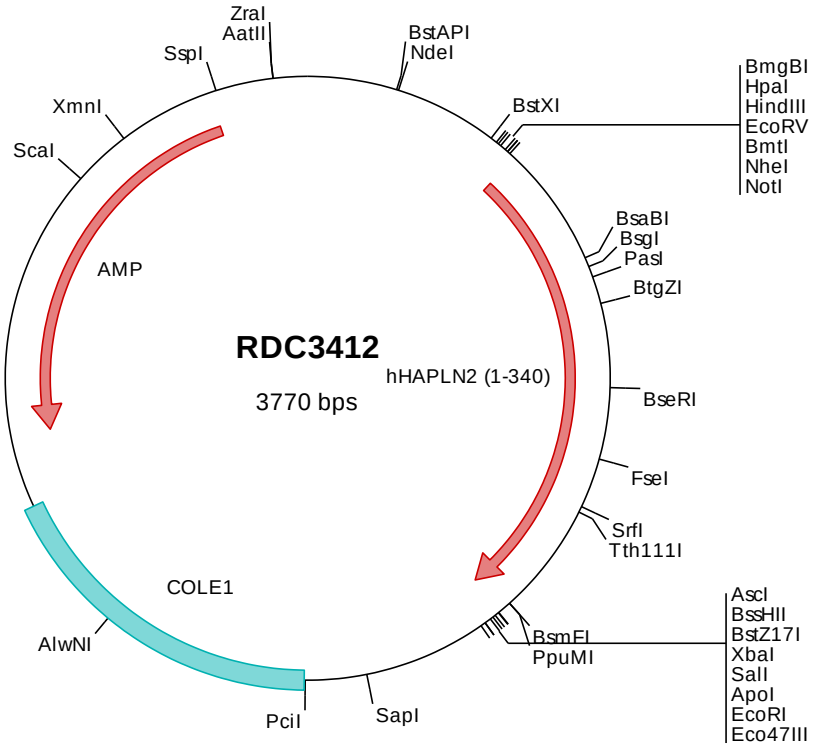
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*BRAL1/HAPLN2 cDNA Plasmid

HAPLN2 hyaluronan and proteoglycan link protein 2 [*Homo sapiens* (human)]

Also known as: BRAL1

Summary:
HAPLN2 mediates a firm binding of versican V2 to hyaluronic acid. It 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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

R&D SYSTEMS
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> RDC3412 Plasmid DNA Sequence

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 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgccaggct ggctcaccct ccccacactc tgccgcttcc ttctttgggc
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 601  gccacggcca cgctgccctg cgtcctgggc accacgcctc ccagctacaa ggtgcgctgg agcaaggtgg agcctgggga gctccgggaa acgctgatcc
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1701  acctgtcgtg ccagctgcat taatgaatcg gccaacgcgc ggggagaggc ggtttgcgta ttgggcgctc ttccgcttcc tcgctcactg actcgctgcg
1801  ctcggtcgtt cggctgcggc gagcggtatc agctcactca aaggcggtaa tacggttatc cacagaatca ggggataacg caggaaagaa catgtgagca
1901  aaaggccagc aaaaggccag gaaccgtaaa aaggccgcgt tgctggcgtt tttccatagg ctccgccccc ctgacgagca tcacaaaaat cgacgctcaa
2001  gtcagaggtg gcgaaacccg acaggactat aaagatacca ggcgtttccc cctggaagct ccctcgtgcg ctctcctgtt ccgaccctgc cgcttaccgg
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2301  cagccactgg taacaggatt agcagagcga ggtatgtagg cggtgctaca gagttcttga agtggtggcc taactacggc tacactagaa ggacagtatt
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3601  ttatcagggt tattgtctca tgagcggata catatttgaa tgtatttaga aaaataaaca aatagggttc ccgcgcacat ttccccgaaa agtgccacct
3701  gacgtctaag aaaccattat tatcatgaca ttaacctata aaaataggcg tatcacgagg ccctttcgtc
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> RDC3412 Translated Insert Sequence

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 101  armrrghrld aslviagvrl edegryrcel ingiedesva ltlslegvvf pyqpsrgryq fnyyeakqac eeqdgrlaty sqlyqawteg ldwcnagwll
 201  egsvrypvlt arapcggrgr pgirsygprd rmrdrydafc ftsalagqvf fvpgrltlse ahaacrrrga vvakvghlya awkfsgldqc dggwladgsv
 301  rfpittprpr cgglpdpgvr sfgfprpqqa aygtycyaen
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