

Product datasheet for **SC100375**

BRINP2 (NM_021165) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRINP2 (NM_021165) Human Untagged Clone
Tag:	Tag Free
Symbol:	BRINP2
Synonyms:	DBCCR1L2; FAM5B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC100375 sequence for NM_021165 edited (data generated by NextGen Sequencing)

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ATGAGGTGGCAGTGTGGCACTCGGTTTAGAGGGCTTCGGCCGGCGGTGGCCCCATGGACA
GCCCTGCTGGCACTGGGCCTGCCTGGCTGGGTGTTGGCTGTCTCAGCCACGGCGGCTGCT
GTGGTCCCCGAGCAGCATGCCTCCGTAGCTGGCCAGCATCCCCTGGACTGGCTGCTCACA
GACCGGGGCCCTTCCACCGCGTCAGGAGTATGCTGACTTCATGGAGCGGTACCGCCAG
GGTTTACCACCCAGGTACAGGATTTATAGGGAGTTTGCCCGTTGGAAGGTGAACAACCTG
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AACATTGCGCTCCTTGGAAGGAGACCCAATCTGCAACAGGTTACAGAAAATCTGATTAAA
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TTTGTGGACAAGCAGAACTGGGAAGAAAGACAGAGACAACAGGAGGTGCCTCTATAATC
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TACTTCATCGACAGAGAGACGCTGCGACGGCTGCACCATATCCAGATAGCCACGGGG
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ACATGCAGCTCTGAGGGTGAAGTCTGCTGCAAGGAGAATGACTGCTGGTGAAGTGCAGC
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CTGCAGATCCAGGACTCCTGGGCCACTCACAACCGGCAGTTTGAAGAGTCAGAAGAGTTC
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CCTGGGCTGGTGCACGTGATGTTGGCCTTGTCTTGCAGATCTGTCTACCAAGAACAGC
ACCTGGAGCCTGTATGGCCATCTACGTCAACCCTTTGGGGGAGCCACTCTGAGAGC
TGGTTCATGCCTGTGAATGAGGGCAGCTTTCCTGACTGGGAAAGGACTAACGTGGATGCA
GCTGCCAGTGCAAAACCTGGACTATCACCTTGGGGAATAGGTGGAAGACTTTCTTTGAG
ACAGTTCATGTTTACCTACGGAGCCGAATCAAGTCCCTGGATGACAGCTCCAATGAGACA
ATCTACTATGAGCCCCTGGAGATGACTGATCCCTTAAGAATTTGGGTTACATGAAAATT
AACACCTTGCAGGTCTTTGGCTACAGCCTGCCCTTGGCCAGATGCTATCCGGGACTTA
ATTCTCCAGTTGGACTACCCATATACTCAAGGTTCCCAGGACTTGCACCTTTCAGCTC
ATTGAGCTCAGGGACCGGGTGAACCAGCTTTCACCTGGCAAAGTCCGACTTGACCTT
TTCTCCTGCTTGTCCGGCATCGGCTTAAGCTGGCCAACAATGAGGTGGGCAAGTCCAG
TCTCCCTGAGGGCTTCAATTCTAAGCTGCCAAACCCTGTGGAATATGAGACCGGCAAA
CTCTGTAGCTAA
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Clone variation with respect to NM_021165.2

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_021165 unedited CCGCGAATTCGGCACGAGGGTGTCTGAGTCTGCAGGTGACACTGCTTAGGTACGGAGCGC GGAGTCGGAGCGGGGACGCGCCGGGCTGCAGCTCTGGGATGCAATCCGCCTGCCTCGCAA GCTGCTCGCCGCTGCGCTGGCAGCGCTTACGCTGAGCTCGGAGGATCCCATTAGGACTTG CCCGGGGATGTGCACCTGCCGTGCGCTCCGAGGTGAGTGGCAGGTCTGCAGGCAGCCGAG GGAGCGGTGAAGCCGGAAGACCTGTCTCTGCCCATGTGCAAGGCAGTGATTCGGGTGAG AGAGCGGGTGGTGAGTCTCTTTAGAGTTGAAAGAAGGCAAAAATCTTGGGTTTCTCCTC GGCGGAGGGACAGGGGACTCCCCAGTTGGGTCTTGCACTTCCCTTACCTCTCCACCCC GCGTGCGCCCGCCAGTGCCGAAGCCCACTTCAAAGATGCTCTGGGAGACCGGGATC CTGGCTGCTCAGCGGGAAGGCAGCAGGCAAGTGGTCTAACGTTGGCGCGGTGGCGGTGG CGGCGGCGGCGCACCGACAGTAAAGCGGGGAGCAAGAGAATTTGAAAAGAGACATCCGC TCCCTCTCACACGCTGAGGGGGAGGCATTCGCGTTTCCCAAATGAGAAAGAACCACAAG AAATCATGAAGTAAAACTTTGAAAGCTGCCACTGGNAGATGTTGCACAAAACTGGA ATCTTTTAGGAGTCTCTCCAGTCGTTGAAGGTTGGGGAGCAGCTGATACAGCAAGGA GGGCTCTTGNACAGATTACGCTCCGAGCCTGNNNAGACACAGGAGCGGGANAACGTGCG AGAGAATGAGAACCATCGCCGG
Restriction Sites:	NotI-NotI
ACCN:	NM_021165
Insert Size:	5000 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_021165.1</u> , <u>NP_066988.1</u>
RefSeq Size:	3618 bp
RefSeq ORF:	2352 bp
Locus ID:	57795
UniProt ID:	<u>Q9C0B6</u>
Cytogenetics:	1q25.2
Domains:	MACPF
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane

Gene Summary: Inhibits neuronal cell proliferation by negative regulation of the cell cycle transition.
[UniProtKB/Swiss-Prot Function]