

## Product datasheet for **SC114955**

### **DBC1 (BRINP1) (NM\_014618) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	DBC1 (BRINP1) (NM_014618) Human Untagged Clone
Tag:	Tag Free
Symbol:	DBC1
Synonyms:	DBC1; DBCCR1; FAM5A
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 ORF within SC114955 sequence for NM\_014618 edited (data generated by NextGen Sequencing)

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ATGAACTGGAGGTTTGTGAGCTCCTCTACTTCTGTTTATATGGGGCCGTATCTCAGTG
CAGCCCTCCCACCAGGAACCAGCTGGGACAGACCAACATGTCTCCAAGGAATTTGATTGG
CTCATTTTCAGACAGGGGGCCTTTCCACCACTCCAGGAGCTACCTATCCTTTGTGGAAGA
CACCGTCAAGGATTTACAACCAGATATAAAATATACAGGGAGTTTGCCTGTTGGAAGGTG
AGGAACACAGCCATCGAGAGGAGAGATCTGGTCCGCCATCCAGTGCCCTCATGCCGGAG
TTTCAAAGGAGCATCCGCCTGCTTGGCAGGAGACCTACCACTCAGCAGTTCATCGATACC
ATCATCAAAAAGTACGGCACCCACCTGCTCATCTCAGCCACATTGGGAGGGGAGGAGGCT
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GTTGAAGCTCTGCACCAGCTCGCATCATCTACTTTTGTGACCGTGATGGTACCATGAGG
AGGCTTCATGAGATCCAGATATCAACTGGAGCAATCAAGGTCACAGAGACACGCACTGGG
CCTCTGGGCTGTAAACAGCTATGACAATCTGGACTCTGTGAGTTCGGTCTTCTGCAAAGC
ACGGAGAGCAAATGCACCTTCAAGGTCTTCAGATAATCTTTCCTCAGTATCTGCAAGAG
AAGTTTGTCCAGTCGGCCTTGAGCTATATCATGTGCAATGGGGAGGGGGAGTACCTGTGC
CAGAACAGCCAGTGTCCGCTGCCAATGTGCCGAGGAGTTTCCGCAGTGCAACTGCCCCATC
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TATAAGGACCTGGAGAATTAGATGAGTTAAATCATTATGAAGCGCCTCCCCAGCAAC
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CGCAAGCTTTTCGGCCTCAGTGTACGCTGTCCGCAATCCCAACCACCACTGCCTAGA
GAGAGGACAATTCAGCAGTGGCTTCAAGGGTCCAGTCACTCCTCTACTGTAATGAGAAT
GGGTTTTGGGGAACCTTCTGGAGAGCCAGCGGAGCTGCGTGTGCCACGGCAGCACCCAG
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CGCAAGCGCATGTCCCTCACTCTCAAGAGCAACAAGAACCAGCATGGACTTCATCCACATG
GTGATCGGCATGTCCATGCGCATCTGCCAGATGCGCAACAGCAGCCTGGACCCCATGTTT
TTTGTCTATGTCAACCCCTTTAGCGGGAGCCATTCGGAGGGCTGGAACATGCCCTTCGGG
GAATTTGGCTACCCACGCTGGGAGAAGATCCGTCTCCAAAACAGCCAGTGTCTACAACCTGG
ACTCTTTTGTGGCAATCGGTGGAACAATTTTTCGAGACGGTCCACATCTACCTACGT
AGTCGGACTCGGCTACCTACCCTACTGCGAAATGAGACTGGCCAGGGCCCCGTGGACCTG
TCGGATCCCTCCAAGAGGCGATTCTACATCAAGATCTCAGACGTGCAGGTGTTTGGGTAT
AGCCTGAGGTTCAACGCCGACCTCCTGCGCAGTGCAGTGCAGCAGGTCAACCAGTCTAC
ACACAGGGCGGCCAGTTCTATTCCTCTTCGTGAGTGTCTCTTGTGGATATTTCGG
GACCGAATTAATCGCCTGGTCCCTCCTGTGGCCCCGGGAAACCCAGCTGGACTTGTTT
TCCTGTATGCTGAAACACCGCCTGAAACTGACCAACAGCGAGATCATCAGGGTGAACAC
GCCTTGGACCTGTACAACACGGAGATCCTCAAACAGTCGGACCAGATGACAGCCAAACTC
TGCTAA

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Clone variation with respect to NM\_014618.2  
 2120 c=>t

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_014618 unedited</p> <pre> ATTTTGTAAATACGACTCACTATAGGGGCGGCCGATTTCGGCACGAGGCTCGGGACCAGC GAAGGGGACTTTACGGCTGAGTATGAGCCAGGCTGCTAGGAGCCAGGTACCCCCACGCCT GCAGTCCCCGCGCCGTGCCCGGAATGCGAGCTGGACGCAGGGCTCTCCCAAGTTCCCACC GAGCCGAATAAAAAGCGTCCGCCGAGCTCTCCGCCAAAGACGGACATTGACTCCAGGA CTCCACAGAATGGAGCAAGAATGAGAGGAAAAAGCCGGCAGAAAAGCATGAACTGGAGG TTTGTGAGCTCCTCTACTTCTGTTTATATGGGGCCGATCTCAGTGCAGCCCTCCCAC CAGGAACCAGCTGGGACAGACCAACATGTCTCCAAGGAATTTGATTGGCTCATTTTCAGAC AGGGGGCCTTTCCACCACTCCAGGAGTACCTATCCTTTGTGAAAGACACCGTCAAGGA TTTACAACCAGATATAAAATATACAGGGAGTTTGCCTGTTGGAAGGTGAGGAACACAGCC ATCGAGAGGAGAGATCTGGTCCGCCATCCAGTGCCCTCATGCCGGAGTTTCAAAGGAGC ATCCGCCTGCTTGGCAGGAGACCTACCACTCAGCAGTTCATCGATACCATCATCAAAAAA GTACGGCACCCACCTGCTCATCTCAGCCACATTGGGAGGGGAGGAGGCTNTGACCATGTA TATGGACAAAAGTCGCCTCGACAGGAAGTCAGGGAATGCCACTCAAAGTGGTGAAGCTCT GCACCAGCTCGCATCATCTACTTTGNTGACCGTGATGGTACCATGAGGAGCTCATGAGA TCCAGATATCNACTGGGAGCATCAGGTCACAGAGACCGCACTGGGCCTCTG </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_014618 unedited</p> <pre> TGGCCGCGGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTGTTCATTTTGTCT GTTGTGTGTGTACAACAACAGGAAAAGTCCATGGCAAGGAGTCCCGGTTAGCAGAGTT TGGCTGTCATCTGGTCCGACTGTTTGGAGATCTCCGTGTTGTACAGGTCCAAGGCGTGGT TCACCCTGATGATCTCGCTGTTGGTCACTTTCAGGCGGTGTTTACCATACAGGAGAACA AGTCCAGCTGGGTTTCCCGGGGCCACAGGAGGACCAGGCGATTAATTCGGTCCCGAA TATCCAACAAGAGGAGCATCACTGACCAATAGGAATACAACCTGGCCGCCCTGTGTAGG ACTGGTTGACCTGCTGCACTGCACTGCGCAGGAGGTGCGCGTTGAACCTCAGGCTATACC CAAACACCTGCACGTCTGAGATCTTGATGTAGAAGTGCCTCTTGGAGGGATCCGACAGGT CCACGGGGCCCTGGCCAGTCTCATTTCGAGTAGGGTAGGTACCCAGTCCGACTACGTA CGCAGATGTGGACCGCTTCGAAAAATGTTTTCCACCGATTGCCAGCAAAGAGTCCAG TTGTACCACTGGCTGTCTTGGACACGGATCCTTCTCCAGCGTGGGTAGCCAACATTCCC GAACGGCATGTTCCAGCCCTCCAATGCCTTCCGTTAAAGGGGCTGACATAGACAAAACA CATTGGGGCCAGCCTGCTGTTGCCCATCTGCCAAATGCCATGAACCTCCGACCACATG TCGGATGAAACCCTGCCGCCCTGCTCCCTTTAAAATGAGGGACCTTGCCCTTGCCCC CCCGATGGCCAATTACGTGCCCCAGCGGATCCCTCTTTTCATCACGTGCTTTCGCC CCACAGCCTCTATCCTCCCTTCTAAAAGGTCCTTATCTCCAGGTCTGGAACCCAGA TATATCCAACCTAACACTGCTCCTCCCTCCACN </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_014618
<b>Insert Size:</b>	2700 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).

**Reconstitution Method:**

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:** [NM\\_014618.1](#), [NP\\_055433.1](#)

**RefSeq Size:** 3158 bp

**RefSeq ORF:** 2286 bp

**Locus ID:** 1620

**UniProt ID:** [O60477](#)

**Cytogenetics:** 9q33.1

**Domains:** MACPF

**Gene Summary:** This gene is located within a chromosomal region that shows loss of heterozygosity in some bladder cancers. It contains a 5' CpG island that may be a frequent target of hypermethylation, and it may undergo hypermethylation-based silencing in some bladder cancers. [provided by RefSeq, Jul 2008]