

## Product datasheet for SC113541

### BXDC2 (BRIX1) (NM\_018321) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	BXDC2 (BRIX1) (NM_018321) Human Untagged Clone
Tag:	Tag Free
Symbol:	BXDC2
Synonyms:	BRIX; BXDC2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113541 sequence for NM_018321 edited (data generated by NextGen Sequencing)

```

ATGGCGCAACCAAGAGGAAACGGCGTGGAGGCTTTGCAGTTCAGGCGAAGAAGCCAAA
AGAAACGAAATAGATGCGGAGCCGCCAGCTAAGCGGCACGCCACAGCAGAGGAGGTGGAG
GAAGAAGAGAGGGACCGGATCCCAGGCCCGTTTGAAGGAAAGTGAAAAATAAGGAA
CGGATTCTCATCTTTTCTCCAGAGGAATAAATTTAGAACAAAGACATTTAATGCAGGAC
TTGAGAATGTTGATGCCTCATTCTAAAGCAGATACTAAATGGATCGTAAGGATAAGCTA
TTTGTGATTAACGAGGTTTGTGAAATGAAGAACTGTAATAAATGCATCTATTTGAAGCT
AAGAAAAACAGGATCTCTATATGTGGCTTTCAAATTCACCTCACGGACCATCTGCTAAA
TTCCTTGTCAAATATTCATACCCTCGCTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
GGTTCTCGGCCCTTTTGTCTTTGACCCTGCTTTTGTGATGAATTACCACATTATGCTTTG
TTAAAAGAACTCTTAATTCAGATCTTTAGTACACCACGGTATCATCCCAAAGCCAACCA
TTTGTGGACCACGTGTTTACTTTACCATTTTGGATAATAGGATATGGTTTCGGAACCTT
CAGATCATAGAAGAAGATGCTGCTTTGTAGAAAATAGGACCTCGTTTTGTCTTAAATCTC
ATAAAGATTTTCCAGGGAAGTTTGGAGGACCAACTTTATATGAAAATCCTCACTACCAG
TCACCAACATGCATCGGCGTGCATAAGATCCATCACAGCTGCAAAAATACAGAGAGAAA
CAGCAAGTGAAAGATGTGAAAAACTGAGAAAGAAAGAGCCGAAGACTCTTCTCCACAT
GATCCCCTGCAGATGTTTTTGTAAACACCAGCTGAGGAGAAACCAATAGAAATACAGTGG
GTAAAACAGAGCCAAAAGTTGATTTGAAAGCAAGAAAGAAACGGATTTACAAAAGGCAA
AGAAAAATGAAACAGAGGATGGACAGTGGGAAAACAAAATAA

```

Clone variation with respect to NM\_018321.3



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_018321 unedited</p> <pre>GGTCAGAAATTTGTATACGACTCATATAGGGCGGCCGCAATTCGCACGAGGCCAAGAGCGG CGGGCGGCGAGGCAAGATGGCGGCAACCAAAAGGAAACGGCGTGGAGGCTTTGCAGTTCA GGCGAAGAAGCCAAAAAGAAACGAAATAGATGCGGAGCCGCCAGCTAAGCGGCACGCCAC AGCAGAGGAGGTGGAGGAAGAAGAGAGGGACCGGATCCCAGGCCCGTTTGAAGGGAAA GTGGAAAAATAAGGAACGGATTCTCATCTTTTCTCCAGAGGAATAAATTTTAGAACAAG ACATTTAATGCAGGACTTGAGAATGTTGATGCCTCATTCTAAAGCAGATACTAAATGGA TCGTAAGGATAAGCTATTTGTGATTAACGAGGTTTGTGAAATGAAGAAGCTGTAATAAATG CATCTATTTTGAAGCTAAGAAAAACAGGATCTCTATATGTGGCTTTCAAATTCACCTCA CGGACCATCTGCTAAATTCCTTGTTCAAAAATTCATACCCTCGTGAAGTGAAGATGAC TGGAAACTGTTTGAAGGTTCTCGGCCCTTTTGTCTTTTACCCTGCTTTTGTGTAATT ACCACATTATGCTTTGTTAAAAGAACTCTTAATTCAGATCTTTAGTACACCACGGTATCA TCCCAAAAGCCAACCATTTGTGGACCACGTGTTACTTTACCATTTTGGATAATAGGAT ATGGTTTCGGAACCTTCAGATCATAGAAGAAGATGCTGCTTTGTAGAAATAGGACCTCG TTTTGTCTTAAATCTCATANAGATTTTNCAGGGGAAGTNTGAGGACCAACTTTATATG ANAATCCTCACTACCAGTCACCANACATGCATCGGNCGTGCATTAAGATCCATCACANG CTGCANATACAG</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_018321 unedited</p> <pre>TATGGACCGGCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTGGATGAATTCTG GTGATATTTTATTTAGAAAAAGAAATCACTGATTTTAAGATCTTAATTTTCTTTCTTGT AAATGCTACACTAATTAGACGTAAGATAGTATTAGATAATAAAAGTATTTACACATTGAA TACAAAAATAAATAAAGTAAGTAAAAACAAATCAGGTTTCCATTGACTTATTTTGTGTT TCCCACTGTCCATCCTCTGTTTCATTTTTCTTTGCCTTTTGTAAATCCGTTTCTTTCTTG CTTTCAAATCAACTTTTGGCTCTGGTTTTACCCACTGATTTTCTATTGGTTTCTCCTCAG CTGGTGTACAAAAACATCTGCAGTGGGATCATGTGGAAGAAGAGTCTTCGGCTCTTTCT TTCTCAGTTTTTGCACATCTTTCACTTGCTGTTTCTCTGTATTTTGCAGCTGTGATGG ATCTTATGACACGCCGATGCATGTTTGGTGACTGGTAGTGAGGATTTTTCATATAAAGTTG GTCCTCCAAAACCTCCCTGGAAAATCTTTATGAGATTTAAGACAAAACGAGGTCCTATTT CTACAAGAGCAGCATCTTCTTCTATGATCTGAAAGTCCGAAACCATATCCTATTATCCA AAATGGTGAAGTAAACACGTGGTCCACAAATGGTTGGCTTTTGGGATGATACCGTGGTG TACTAAAGATCTGAATTAAGAAGTCTTTTAAACAAGCATAAATGGTAATTCATCAAAAAG CAGGGTCAAAAAGACANAAGGGGCGAGAAAACCTTCAACAGTTTTTCAAGTATCTTCAAGTTC AGCGAGGGTATGAATATTTTGAACAAGAATTNANCAGATGGTNCGTGAGGTGAATTGAAA GCCATATAGNGATNCTGTTTTA</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_018321
<b>Insert Size:</b>	1200 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).

<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>	<a href="#">NM_018321.3</a> , <a href="#">NP_060791.3</a>
<b>RefSeq Size:</b>	1303 bp
<b>RefSeq ORF:</b>	1062 bp
<b>Locus ID:</b>	55299
<b>UniProt ID:</b>	<a href="#">Q8TDN6</a>
<b>Cytogenetics:</b>	5p13.2
<b>Domains:</b>	Brix
<b>Protein Families:</b>	Embryonic stem cells, Stem cell - Pluripotency
<b>Gene Summary:</b>	Required for biogenesis of the 60S ribosomal subunit.[UniProtKB/Swiss-Prot Function]