

Product datasheet for **SC126152**

BXDC2 (BRIX1) (BC036741) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BXDC2 (BRIX1) (BC036741) Human Untagged Clone
Tag:	Tag Free
Symbol:	BXDC2
Synonyms:	BRIX; brix domain containing 2; FLJ111100
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC036741 edited
 CCACGCGTCCGCGCTTACTAGTCTCGGGTCCCCGAGTGCAGAAACCTACCTTTGCGGT
 GGGGTCTGGACGCCGAGAGCCCTTCTCAGCAAAGTCCCTGAAGAGGAGCGAGGCGGCTC
 CGAGGAACCGCGGAGGAAGTGAAGCCAGTCCC GCCACTTTCAGACCGGCCCTCCACCTC
 GGCCACCGTCAACACAGAGCTGAAGGAGGCTAGAGAGCCGCGGTGCCGCGCCACCGAG
 ACCGGAAGGAGGCGCACAGACCTGGAGGACGACCGCGGAGCTGAGCGCTTAGAGCCGCC
 GAACCATAGAGATCGGAAATAGGAGCGAGCGGCCGCGGAAAGGAGGCCAAGAGCGCG
 GCGCGGAGGCAAGATGCGCGCAACCAAGAGGAAACGGCGTGGAGGCTTTGCAGTTCAGG
 CGAAGAAGCCAAAAAGAAACGAAATAGATGCGGAGCCGCGAGCTAAGCGGCACGCCACAG
 CAGAGGAGGTGGAGGAAGAAGAGAGGGACCGGATCCCAGGCCCGTTTGAAGGAAAGT
 GGAAAAATAAGGAACGGATTCTCATCTTTTCTTCCAGAGGAATAAATTTAGAACAGAC
 ATTTAATGCAGGACTTGAGAATGTTGATGCCTATTCTAAAGCAGATACTAAAATGGATC
 GTAAGGATAAGCTATTTGTGATTAACGAGGTTTGTGAAATGAAGAACTGTAATAAATGCA
 TCTATTTTGAAGTAAGAAAAAACAGGATCTCTATATGTGGCTTTCAAATTCACCTCAG
 GACCATCTGCTAAATTCCTTGTTCAAAAATTCATACCCTCGCTGAACTGAAGATGACTG
 GAAACTGTTTGAAGGTTCTCGGCCCTTTGTCTTTGACCCTGCTTTTGATGAATTAC
 CACATTATGCTTTGTTAAAGAAGCTCTTAATTCAGATCTTTAGTACACCACGGTATCATC
 CAAAAAGCCAACCATTTGTGGACCACGTGTTTACTTTTACCATTTTGGATAATAGGATAT
 GGTTCGGAACCTTCAGATCATAGAAGAAGATGCTGCTTGTAGAAAATAGGACCTCGTT
 TTGCTTAAATCTCATAAAGATTTTCCAGGGAAGTTTGGAGGACCAACTTTATATGAAA
 ATCCTCACTACAGTCAACAAACATGCATCGGCGTGTCTAAGATCCATCACAGCTGCAA
 AATACAGAGAGAAAACAGCAAGTGAAGATGTGCAAAAACAGAGAAAGAAAGAGCCGAAGA
 CTCTTCTCCACATGATCCCACATGCAGATGTTTTTGTAAACACAGCTGAGGAGAAACCAA
 TAGAAATACAGTGGGTAACCAACAGGCCAAAAGTTGATTTGAAAGCAAGAAAGAAACGGA
 TTTACAAAAGGCCAAAGAAAAATGAAACAGAGGATGGACAGTGGGAAAACAAAATAAGTCA
 ATGAAAACCTGATTTGTTTTTTCAGTTACTTTATATTTATTTTGTATTCAATGTGTAATA
 CTTTTATATCTAATACTATCTTACGTCTAATTAGTGTAGCATTACAAGAAAGAAAAAT
 TAAGATCTTAAATCAGTGATTATCTTTTTCTAAATAAAATATCACCAGAATTCATCAGT
 TAATTTCTGATTTCTTTTTGAAGTTTGTGTTGCTAAAAATGTAGCACACTTAATGTAGCC
 TGTTCTCTGGGTTGGAATTTTTGGTTTAGCAAAGCTGAAATTCAGACATTTATTAGGTC
 ATATTATTTGAAAAGCATTCAACACTTCAAGAGCATCGTTTGTGGATGGTAAAGTAGGA
 GTAGACTGGTAGAAAGGAAGGCATCTCACTGAAGTTTACTCAGTCATCAGTTAATGAAGC
 CATGGAAGAACCAACCCCTGATCTGTCACTTCAAAAAAGAGTATATTAATGTTGAGGT
 TTTGAGAATCAATGCAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC036741 unedited
 AGGCGCGTCCGGAATTTGTAATACGACTTACTATNAGGNCGGACCGCGTAATTCAGTTTN
 CTGGTACCGGTGCCGGTAATTCCTGGGATATCGTCGACCCACGCGTCCGCGCTTACTAGT
 CTCGGGGTCCCCGAGTGCAGAAACCTACCTTTGCGGTGGGGTCTGGACGCCGAGAGCC
 CTTCTCAGCAAAGTCCCTGAAGAGGAGCGAGGCGGCTCCGAGGAACCGCTGAGGAAGTGA
 AGCCAGTCCC GCCACTTTCAGACCGGCCCTCCACCTCGGCCACCGTCAACACAGAGCTG
 AAGGAGGCTAGAGAGCCGCGGTGCCGCGCCACCGAGACCGGAAGGAGGCGGCACAGAC
 CTGGAGGACGACCGCGGAGCTGAGCGCTTAGAGCCGCGAACCATAGAGATCGGAAATAG
 GAGCGAGCGGCAGCGCCGAAAGGAGGCCAAGAGCGGGCGGCGAGGCAAGATGGCGGC
 AACCAAGAGGAAACGGCGTGGAGGCTTTGCAGTTCAGGCGAAGAAGCCAAAAAGAAACGA
 AATAGATGCGGAGCCGCGAGCTAAGCGGCACGCCACAGCAGAGGAGGTGGAGGAAGAAGA
 GAGGGACCGGATCCCAGGCCCGTTTGAAGGAAAGTGGAAAAATAAGGAACCGATTCT
 CATCTTTTCTTCCAGAGGAATAAATTTAGAACAGACATTTAATGCAGGACTTGAGAAT
 GTTGATGCCTATTCTAAAGCAGATACTAAAATGGATCGTAGGATAAGCTATTTGTGATT
 AACGAGTTTTGTGAAATGAAGAACTGTAATAAATGCATCTATTTTGAAGCTTAAGAAAA
 CAGGATCTCTATATGTGGCTTCAAATTCACCTCCGGACATGTGGTAAATGCCTGGTCA

Restriction Sites:	Please inquire
ACCN:	BC036741
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:	BC036741.1 , AAH36741.1
RefSeq Size:	1951 bp
Locus ID:	55299
Cytogenetics:	5p13.2
Protein Families:	Embryonic stem cells, Stem cell - Pluripotency
Gene Summary:	Required for biogenesis of the 60S ribosomal subunit.[UniProtKB/Swiss-Prot Function]