

Product datasheet for **SC322503**

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: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322503
 CAAGAGCGGGCGGCGAGGCAAGATGGCGGCAACCAAGAGGAAACGGCGTGAGGCTTT
 GCAGTTTCAGCGAAGAAGCCAAAAAGAAACGAAATAGATGCGGAGCCGCCAGCTAAGCGG
 CACGCCACAGCAGAGGAGGTGGAGGAAGAAGAGAGGGACCGGATCCCAGGCCCGCTTTGC
 AAGGAAAAGTGGAAAAATAAGGAACGGATTCTCATCTTTTCTTCCAGAGGAATAAATTTT
 AGAACAAAGACATTTAATGCAGGACTTGAGAATGTTGATGCCTCATTCTAAAGCAGATACT
 AAAATGGATCGTAAGGATAAGCTATTTGTGATTAACGAGGTTTGTGAAATGAAGAAGTGT
 AATAAATGCATCTATTTTGAAGCTAAGAAAAACAGGATCTCTATATGTGGCTTTCAAAT
 TCACCTCAGGACCATCTGCTAAATTCCTTGTTCAAAATATTCATACCCTCGCTGAAGT
 AAGATGACTGAAACTGTTTGAAGGTTCTCGGCCCTTTGTCTTTTGACCCTGCTTTT
 GATGAATTACCACATTATGCTTTGTTAAAAGAAGTCTTAATTCAGATCTTTAGTACACCA
 CGGTATCATCCCAAAAGCCAACCATTTGTGGACCACGTGTTACTTTACCATTTTGGAT
 AATAGGATATGGTTTCGGAACCTTCAGATCATAGAAGAAGATGCTGCTCTTGTAGAAATA
 GGACCTCGTTTTGTCTTAAATCTCATAAAGATTTTCCAGGGAAGTTTTGGAGGACCAACT
 TTATATGAAAATCCTCACTACCAGTCACCAAAACATGCATCGGCGGTGCATAAGATCCATC
 ACAGCTGCAAAATACAGAGAGAAACAGCAAGTGAAGATGTGCAAAAAGTGAAGAAAGAA
 GAGCCGAAGACTTCTTCCACATGATCCCACTGCAGATGTTTTTGTAAACACCAGCTGAG
 GAGAAACCAATAGAAATACAGTGGGTAACCAAGCAAGGTTGATTTGAAAGCAAGA
 AAGAAACGGATTTACAAAAGGCAAGAAAAATGAAACAGAGGATGGACAGTGGGAAAAACA
 AAATAAGTCAATGGAACTGATTTGTTTTTCAGTTACTTTATATTTATTTTGTATTCAA
 TGTGTAATACTTTTATTATCTAATACTATCTTACGTCTAATTAGTGTAGCATTTACAAG
 AAAGAAAATTAAGATCTTAAATCAGTGATTATCTTTTTCTAAATAAAATATCACCAGA
 ATTCATCAGTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_018321



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_018321.3</u> , <u>NP_060791.3</u>
RefSeq Size:	1303 bp
RefSeq ORF:	1062 bp
Locus ID:	55299
UniProt ID:	<u>Q8TDN6</u>
Cytogenetics:	5p13.2
Domains:	Brix
Protein Families:	Embryonic stem cells, Stem cell - Pluripotency
Gene Summary:	Required for biogenesis of the 60S ribosomal subunit.[UniProtKB/Swiss-Prot Function]