

Product datasheet for **RC201485**

BXDC2 (BRIX1) (NM_018321) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BXDC2 (BRIX1) (NM_018321) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BXDC2
Synonyms:	BRIX; BXDC2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC201485 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCAACCAAGAGGAAACGGCGTGGAGGCTTTCAGTTCAGGCGAAGAAGCCAAAAAGAAACGAAA
TAGATGCGGAGCCGCCAGCTAAGCGGCACGCCACAGCAGAGGAGGTGGAGGAAGAAGAGAGGGACCCGGAT
CCCAGGCCCGTTTGAAGGGAAAGTGGAAAAAATAGGAACGGATTCTCATCTTTTCTCCAGAGGAATA
AATTTTAGAACCAAGACATTTAATGCAGGACTTGAGAATGTTGATGCCTCATTCTAAAGCAGATACTAAAA
TGGATCGTAAGGATAAGCTATTTGTGATTAACGAGGTTTGTGAAATGAAGAACTGTAATAAATGCATCTA
TTTTGAAGCTAAGAAAAACAGGATCTCTATATGTGGCTTCAAATTCACCTCACGGACCATCTGCTAAA
TTCTTTGTTCAAAATATTCATACCTCGCTGAACTGAAGATGACTGAAAAGTGTGAAAGGTTCTCGGC
CCCTTTTGTCTTTGACCCTGCTTTGATGAATTACCACATTATGCTTTGTTAAAAGAACTCTTAATTCA
GATCTTTAGTACACCACGGTATCATCCCAAAAGCCAACCATTTGTGGACCACGTGTTTACTTTACCATT
TTGGATAATAGGATATGGTTTCGGAACCTTCAGATCATAGAAGAAGATGCTGCTCTTGTAGAAATAGGAC
CTCGTTTTGTCTTAAATCTATAAAGATTTTCCAGGGAAGTTTGGAGGACCAACTTTATATGAAAATCC
TCACTACCAGTCACCAACATGCATCGGCGTGCATAAGATCCATCACAGCTGCAAAATACAGAGAGAAA
CAGCAAGTGAAAGATGTGCAAAAACCTGAGAAAGAAAGAGCCGAAGACTCTTCCACATGATCCCCTG
CAGATGTTTTTGTAAACACAGCTGAGGAGAAACCAATAGAAATACAGTGGGTAAAACAGAGCCAAAAGT
TGATTTGAAAGCAAGAAAGAAACGGATTTACAAAAGGCAAAAGAAAATGAAACAGAGGATGGACAGTGG
AAAAAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_018321.4](#)

RefSeq Size: 1303 bp

RefSeq ORF: 1062 bp

Locus ID: 55299

UniProt ID: [Q8TDN6](#)

Cytogenetics: 5p13.2

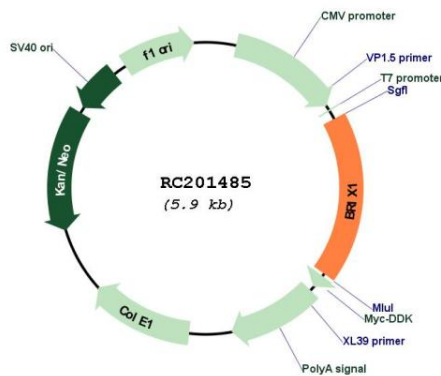
Domains: Brix

Protein Families: Embryonic stem cells, Stem cell - Pluripotency

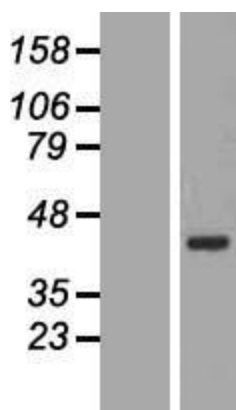
MW: 41.4 kDa

Gene Summary: Required for biogenesis of the 60S ribosomal subunit.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC201485



Western blot validation of overexpression lysate (Cat# [LY413164]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC201485 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).