

Product datasheet for **RC236877**

BXDC1 (RPF2) (NM_001289111) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: BXDC1 (RPF2) (NM_001289111) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: RPF2
Synonyms: bA397G5.4; BXDC1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC236877 representing NM_001289111
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTGGAAAAATATTACAAGACCTTTTGAGGATCAGACATCACTGGAATCTTTTCAAAGAAGTCAGATT
GTTCTTTATTCATGTTTGGCTCCATAATAAGAAGCGCCAAATAATCTAGTAATAGGTCGTATGTATGA
CTACCATGTGCTGGATATGATTGAATTAGGTATTGAGAATTTGTCTCTCTAAAAGACATTAAGAACAGT
AAATGTCCTGAGGGAACAAAACCCATGCTGATATTTGCTGGCGATGATTTTCGATGTAACAGAAGATTATA
GAAGACTAAAAAGTCTTCTTATTGATTTCTTCAGAGGCCCCACAGTATCAAATATCCGCCTGGCTGGATT
AGAGTATGTTCTGCACCTCACTGCACTGAATGGGAAGATTTACTTTTCAAGCTATAAGTTGCTGTTGAAG
AAATCTGGTTGCAGAACACCACGGATTGAATTGGAAGAGATGGGACCCTCATTGGATCTGGTTCTGAGGA
GGACACACCTGGCATCGGATGACCTTTATAAATATCTATGAAAATGCCAAAAGCTCTCAAGCCAAAAGAA
GAAGAAAAATATTTCCCATGATACTTTTGGTACAACTTATGGAAGGATTCATATGCAGAAGCAAGACCTA
AGCAAAC TACAAACCAGGAAAAATGAAGGGTTGAAGAAGCGACCTGCAGAAAGGATAACAGAAGACCACG
AGAAAAAGTCAAAAAGAATTAATAAAAAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC236877 representing NM_001289111
 Red=Cloning site Green=Tags(s)

MWKNITRPFEDQTSLEFFSKKSDCSLFMFGSHNKKRPNNLVIGRMYDYHVLDMIELGIENFVSLKDIKNS
 KCPEGTKPMLIFAGDDFDVTEYRRLKSLIDFFRGPTVSNIRLAGLEYVLHFTALNGKIYFRSYKLLLK
 KSGCRTPRIELEEMGPSLDLVLRRTHLASDDL YKL SMKMPKALPKKKKNI SHDTFGTTYGRIHMQKQDL
 SKLQTRKMKGLKKRPAERITEDHEKKSRIKKN

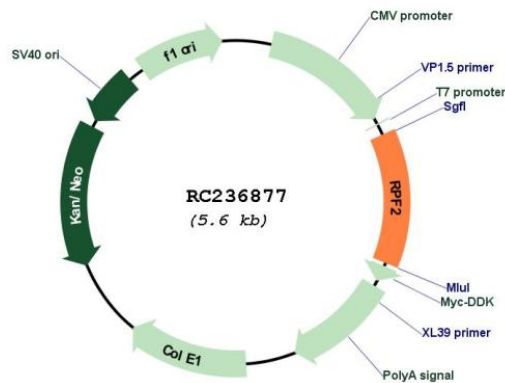
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001289111
ORF Size: 729 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001289111.1 , NP_001276040.1
RefSeq Size:	3666 bp
RefSeq ORF:	732 bp
Locus ID:	84154
Cytogenetics:	6q21
MW:	28.9 kDa
Gene Summary:	Involved in ribosomal large subunit assembly. May regulate the localization of the 5S RNP/5S ribonucleoprotein particle to the nucleolus.[UniProtKB/Swiss-Prot Function]