

Product datasheet for **RN208008**

Brix1 (NM_001029915) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Brix1 (NM_001029915) Rat Untagged Clone
Tag: Tag Free
Symbol: Brix1
Synonyms: Bxdc2; RGD1308508
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208008 representing NM_001029915
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGCGACTAAGAGAAAGCGGCGTGGGACCTGGAGTTCAAGCAAAGAAGCCAAAAAGAACC
AAGATGCCGGGCAGCCAGCTAAGCAGGCCGATGTGGCAAAGAGGCGGAGGAAGAAAAAGATCGTATTCC
AGGTCCTGTTTGAAGGGCAAATGGAAAAATAAGAGCGGATCCTCATCTTTTCTCCAGAGGAATAAAT
TTCAGAACAAAGACTTGATGCAAGACTTGAGAAATGTTGATGCCTCATTCTAAAGCAGATACTAAAATGG
ATCGTAAAGATAAGTTATTTGTGATAAATGAGGTCTGTGAAATGAAAAATGCAACAAATGCATCTACTT
TGAAGCTAAGAAAAAGCAGGATCTCTATATGTGGCTTTCAAATTCACCTCATGGGCCATCTGCCAAATTC
TTGGTTCAAAATATTCATACCCTGGCTGAACTAAAGATGACTGGGAACCTGTTTGAAGGTTCTCGGCCCC
TTTTATCTTTTGACCCTGCTTTTGATGACTTGCCACATTATGCTTTGTTAAAAGAATTCTTAATTCAGAT
CTTTAGTACACCACGGTACCATCCCAAGAGTCAGCCGTTTGTGGACCACGTGTTTACGTTACCAATCTG
GATAACCGGATCTGGTTTCGGAACCTCCAGATTATAGAAGAAGACGCTGCTCTAGTGAAATGGACCTC
GTTTTGTCTTAAATCTATAAAGATTTTTAGGGAAAGCTTTGGAGGACCAACCTTATATGAAAATCCTCA
TTACCAGTCTCCAAACATGCATCGCGCGTCGTAAGGTCCATCACAGCTGCCAAGTACAGAGAGAAACAG
CAAGTCAAAGATGTTTCAAGAAATCAAGGAAGAAAGAACCAAGACTATTCTCCACACGATCCCCTGACG
ATGTGTTTGTACACCAGCAGAGGAGAAACCAATAGAAGTACAATGGGTGAAACCAGAGCCAAAAGTGGA
TCTGAAAGCGAGAAAGAGAAGGATTTACAAAAGGCATCGGAACTGCAGCAGAAGATGAGCAGAGGGGGT
GCCAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001029915



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Insert Size:	1059 bp
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:	<u>NM_001029915.1, NP_001025086.1</u>
RefSeq Size:	2456 bp
RefSeq ORF:	1059 bp
Locus ID:	294799
UniProt ID:	<u>Q4QQT6</u>
Cytogenetics:	2q16
Gene Summary:	Required for biogenesis of the 60S ribosomal subunit.[UniProtKB/Swiss-Prot Function]