

## 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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208008 representing NM_001029915 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGCGACTAAGAGAAAGCGGCGTGGGACCTGGAGGTTCAAGCAAAGAAGCCAAAAAGAACC  
AAGATGCCGGGCAGCCAGCTAAGCAGGCCGATGTGGCAAAGAGGCGGAGGAAGAAAAGATCGTATTCC  
AGGTCCTGTTTGAAGGGCAAATGGAAAATAAAGAGCGGATCCTCATCTTTCTCCAGAGGAATAAT  
TTCAGAACAAGACACTTGATGCAAGACTTGAGAATGTTGATGCCTCATTCTAAAGCAGATACTAAAAATG  
ATCGTAAAGATAAGTTATTTGTGATAAATGAGGTCTGTGAAATGAAAAATTGCAACAAATGCATCTACTT  
TGAAGCTAAGAAAAGCAGGATCTCTATATGTGGCTTTCAAATCACCTCATGGGCCATCTGCCAAATTC  
TTGGTTCAAAATATTCATACCCTGGCTGAACTAAAGATGACTGGGAACTGTTTGAAGGTTCTCGGCCCC  
TTTTATCTTTTGACCCTGCTTTTGATGACTTGCCACATTATGCTTTGTTAAAAGAATTCTTAATTCAGAT  
CTTTAGTACACCACGGTACCATCCCAAGAGTCAGCCGTTTGTGGACCACGTGTTTACGTTACCAATTCTG  
GATAACCGGATCTGGTTTCGGAACCTCCAGATTATAGAAGAAGACGCTGCTCTAGTGAAATGGACCTC  
GTTTTGTCTTAAATCTCATAAAGATTTTCAGGGAAGCTTTGGAGGACCAACCTTATATGAAAATCCTCA  
TTACCAGTCTCCAAACATGCATCGGCGCGTCGTAAGGTCCATCACAGCTGCCAAGTACAGAGAGAAAACAG  
CAAGTCAAAGATGTTTCAGAAATCAAGGAAGAAAGAACCAAGACTATTCTCCACAGTCCCACCTGCAG  
ATGTGTTTGTACACCAGCAGAGGAGAAAACCAATAGAAGTACAATGGGTGAAACCCAGAGCCAAAAGTGGA  
TCTGAAAGCGAGAAAGAGAAGGATTTACAAAAGGCATCGGAAACTGCAGCAGAAGATGAGCAGAGGGGGT  
GCCAAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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<b>ACCN:</b>	NM_001029915
<b>Insert Size:</b>	1059 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001029915.1</a></u> , <u><a href="#">NP_001025086.1</a></u>
<b>RefSeq Size:</b>	2456 bp
<b>RefSeq ORF:</b>	1059 bp
<b>Locus ID:</b>	294799
<b>UniProt ID:</b>	<u><a href="#">Q4QQT6</a></u>
<b>Cytogenetics:</b>	2q16
<b>Gene Summary:</b>	Required for biogenesis of the 60S ribosomal subunit.[UniProtKB/Swiss-Prot Function]