

Product datasheet for MR203702

Brix1 (NM_026396) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Brix1 (NM_026396) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Brix1
Synonyms: 1110064N10Rik; Bxdc2; C76935
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR203702 representing NM_026396
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGCGACCAAGAGAAAGCGGCGTGGAGGCTTGGAGGTTCAAGCGAAGAAGCCAAAAAGGAGCTCGA
 AAGATGCCGGGCAGCCAGCTAAGCAGGCCGATGTGGCCAAAGAGGCGGAGGAGGAAAATAGAGATCGTAT
 TCCAGGTCGGTTTGAAGGGCAAATGGAAAAAATAGGAACGGATCCTCATCTTTCTTCCAGAGGAATA
 AATTTCAGAACAAGACACTTAATGCAGGACTTGAGAATGTTGATGCCTCATTCTAAAGCAGATACTAAAA
 TGGATCGTAAAGATAAATATTTGTGATAAATGAGGTCTGTGAAATGAAAAATTGCAACAAATGCATCTA
 CTTTGAAGCTAAGAAAAACAGGATCTCTATATGTGGCTTTCAAATTCACCTCATGGTCCATCTGCCAAA
 TTCTTGTTCAAATATTCATACCTGGCTGAATTAAGATGACTGAAAATGTTTGAAGGTTCTCGGC
 CCCTTTTGTCTTTGACCCTGCTTTGATGACTTGCCACATTATGCTTTGTTAAAGGAATCTTAATTCA
 GATCTTCAGTACGCCACGATACCATCCCAAGAGTCAGCCGTTTGTGGACCACGTGTTTACGTTACACCATT
 CTGGATAACAGGATATGGTTCGGAACTCCAGATTATAGAAGAAGACGCTGCTCTAGTGGAAATAGGAC
 CTCGTTTTGTTTTAAATCTCATAAAGATTTTTAGGGAAGCTTTGGAGGACCAACCTTATAGAAAATCC
 TCATTACCAGTCTCCAAACATGCATCGGCGTGCATAAGATCCATCACAGCTGCCAAGTATAGAGAGAGA
 CAGCAAGTCAAAGATGTTTCAGAACTGAGGAAGAAGAACCAAGACTATCCTTCCACATGACCCCACTG
 CAGACGTGTTTGTATACCAGCGGAGGAGAAGCCAGTAGAAATACAGTGGGTGAAACCAGAGCCTAAAGT
 AGATCTGAAAGCAAGGAAGAGACGGATTTACAAAAGGCATCGGAACTGCAACAGAAGATGAGCAGAGGG
 AGTGCAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

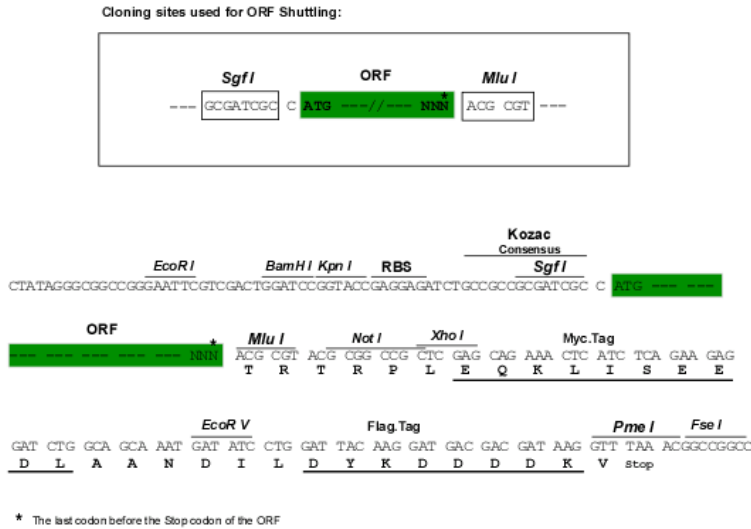
Chromatograms: https://cdn.origene.com/chromatograms/mm9077_h06.zip



[View online >](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_026396

ORF Size: 1059 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:

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_026396.3](#), [NP_080672.3](#)

RefSeq Size: 2654 bp

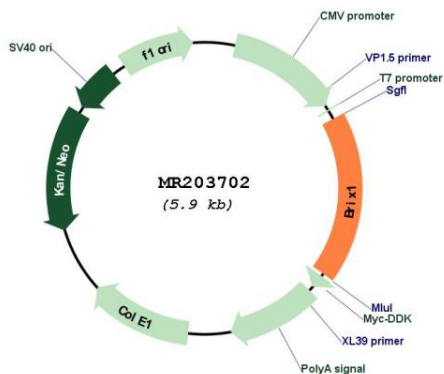
RefSeq ORF: 1062 bp

Locus ID: 67832

UniProt ID: [Q9DCA5](#)

Cytogenetics: 15 A1
 MW: 41.7 kDa
 Gene Summary: Required for biogenesis of the 60S ribosomal subunit.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203702