

Product datasheet for **RN213511**

Riox2 (NM_153309) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Riox2 (NM_153309) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Riox2
Synonyms:	Mina53
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN213511 representing NM_153309
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAAAGAAAGTGAAGCCACAGGGGATGAGAATGAAGAAGAGTCTGTTCCCTGCAAGCAGGTGAAAG
 AGGAGCTACCTAATACGCTTTCTGTATTAACCTTTGACAGCCCCAGTAGTTTCTTTGAAAGTTAATATC
 ACCCATCAAAGTAGAGACATTTTTCAAGGAATTCTGGGAACAGAAGCCCTTCTCATTGAGAGAGATGAC
 CCTTCGCTGGCCGCATATTACCAGTCTCTGTTGAGCCTCTCAGATCTGAGGAGTCTCTGCAGCCAAGGGC
 TGTACTATGGAAGAGATGCAATGTCTGCCGTGCATCGGTGGGAAGAAGAAGGTTTTAAATAAGGATGG
 CAAAGCACAGTTTCTCAGCTGAGAAAAGATTTTGATCAGAAGAGGGCAACAATTCAGTTTCATCAGCCA
 CAGAGATTTAAGGATGAGCTCTGGAGGATCCAGGAAAAGCTGGAATGTTACTTTGGCTCCTTAGTAGGCT
 CAAATGTGTACATGACTCCCGCAGGATCTCAGGGCCTTCTCCACATTACGACGATGTTGAGGTTTTAT
 CCTGCAGCTGGAGGGAAGGAAACGTTGGCGCCTGTACTCCCAACTGTGCCCTGGCGCGTGAGTACAGT
 GTGGAGCCTGAGGACCGGATTGGCACACCAACACATGACTTCTGCTGAAGCCTGGCGATTGTTGTACT
 TCCCCAGAGGGACCATTACCAGGCAGAACTCCTTCAGGCCTGGCCACTCTATTACCTGACTATTAG
 CACCTACCAGAACAATTCATGGGGAGATTACCTTTGGACTCCATTTGGGGCTTGATTTGACATTGCA
 AAGGAAGATGTGGCATTAAAGACTGGAATGCCAGGCGGATGCTCATGAATGTGGAAACCCAGCTGACG
 TAACAAGGAAGTTGAGTGGCTTTCTGAGGACTCTGGCAGACCAGCTCGAGGGCAGAAAAGAACTGCCTC
 ATCAGATATGAAGAAGGACTTCGTCATGCACAGACTTCCCCCTTCTGTGTGGGAAATGGAACAGAGTCA
 ATGAACCCAGGTGGAAAGTTGCCAAGTTGAACAGCATAGTAAGACTGCAGTTTAAAGACCACATTGTCC
 TCACAGTAGGGCCGATCAGAATCAATCTGATGAAGCTCAACAAAAGGTGTTTACATCTACCATTCTCT
 AAAGAATGAGAGACAGACGCACATGATGGGAAAAGAGGTGGAAACAGAGATTTATGGACTTCGCTTCTCT
 TTATCCTATGTGGACGCTCTGAAGCAAATCTGGTGCAGGTCACCGTTCGTGTTAAGGACCTGAAACTTG
 GCACAGATGAAGAGAAGGAGAACCTGGCAGTGTCTCTCTGGACAGAGTGTCTAGTCCACGTGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_153309
- Insert Size:** 1398 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:**
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_153309.2](#), [NP_695221.1](#)
RefSeq Size: 2015 bp
RefSeq ORF: 1398 bp
Locus ID: 266670
UniProt ID: [Q8CFC1](#)
Cytogenetics: 11q12
Gene Summary: a c-myc target gene involved in cell proliferation [RGD, Feb 2006]