

Product datasheet for **RN205029**

Riok2 (NM_001009687) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Riok2 (NM_001009687) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Riok2
Synonyms:	MGC109496
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205029 representing NM_001009687
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGAAGGTGAATGTGGCCAAGCTAAGTACATGAGTCGAGATGACTTCAGAGTTCTGACTGCGGTTG
 AAATGGGCATGAAAAACCATGAGATCGTCCCTGCAGTTTGGTTGCTTCTATAGCCAGCCTGAAACACGG
 TGGCTGTAAATAAATCTTAAGAGAAATTGGTGAAGCATAAACTTATAGCATGGGAACGTAATAAACTGTC
 CAGGGCTATCGGTTGACAAATGCTGGCTATGATTACCTAGCTTTGAAAACCTGTCTCCAGACAGGTAG
 TTGATTCTGTTGGAAACAGATAGGTGTCGGCAAAGAGTCAGATATTTACATTGTTGCAAAATGAAGAAGG
 GCAGCAGTTTGCCTGAAGCTGCACCGACTGGGAGAACCTCCTTTGAAATCTGAAAAACAAGCGTGAT
 TACCATAAGCACAGACATAATGTTTCTGGATTTATTTATCTCGTCTCTGCCATGAAGGAATTTGCCT
 ATATGAAGGCATTACATGAGCGGAAATCCCAGTTCCAAAGCCAGTTGACTACAATCGCCACGCAGTGAT
 CATGGAGCTTATCAATGGCTACCCCTGTGTCAGATACATCATGTTGAAGACCCTGCATCAGTGTATGAC
 GAAGCTATGGAACCTGATAGTCAAACCTGGGAAACCATGGGCTGATTCATGGAGATTTCAATGAATCAACC
 TCATGTTGGACAAGATGACCACATCACCATGATTGATTTCCACAGATGGTTTCCACTTCCCACCCGAA
 CGCTGAATGGTATTTTGACAGAGATGTTAAATGCATTGAGAGTTCTTCTGAAACGTTTAACTATGAA
 AGTGAGCTCTACCCAACCTTCAGTGATATCAGGAGAGAGGATTCTCTCGATGTTGAGGTCTCTGCCAGTG
 GTTACACGAAGGAAATGCAGGCAGATGATGAACTGCTACATCCAGTAGGTCGGATGATAAAATTAAGTGA
 AACAGAAGAGGAATCTGACTTGTCACTCTCTGATGAAGAAATGTTAGAAAAGGCCAAAGTTCAGAGGTCA
 GAACTGGAAAATGAACCAAAACCCAGCGGATGAATCAGGTAGCTCCTGTTGCTTCTCATCTGCAGACAGCA
 AACAGATGAAGGAAGACGGCTTACCTGAGGAGAGTGCTGATGTGTCAGTTTGAAGTAAGTAACTAAGTTACA
 TCAAGCTGTAGAAGAAGTGGGAAGGCAGGTTCTTACCCACAAGTCTGTTGCTGAGGTTTCTGAGGAGAGC
 ACTAGAAGTGAAGATGATCCCAGGCATGATGGCCAGCCGGTCTGAGCAGCCCTGCTGGCTGTGCAGAGG
 GGGAGGATGAACTCCCGATCTCATTGCCCTGTCACTATTGAACAAGGAGTTCAGGCCTTTCAGAGATGA
 AGACAGTGTGAGCAGTGTACTCAGCATAGAACAAGAACCTTGAGTGTACGTCTACCGGCAGTGTCTCTG
 AGCTGCTCCACAATCCCTCCAGAACTGGTGAAGCAGAAGGTGAAGCGTCAGCTGACGAGGCAGCAGAAGG
 CAGCTGCCAGACGCCGGCTGCAGAAAGGAGAAGCCAATATATTTACCAAGCAGCGGAGGGAAAACATGCA
 GAATATCAAAATCAAGTTTGAAGCAGACAGCTTTTGGGGAGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001009687

Insert Size: 1656 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_001009687.1](#), [NP_001009687.1](#)

RefSeq Size: 1814 bp

RefSeq ORF: 1656 bp

Locus ID: 308201

Cytogenetics: 1q12