

Product datasheet for **RN216922**

Riok1 (NM_001100511) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Riok1 (NM_001100511) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Riok1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216922 representing NM_001100511
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACTGCAGTCTGGATAGGATGGCCACGGTGGTCCCCGGCAATTTGACGACGCGGATTCCTCAGACA
 GTGAAGACAAAGAAGTGCAGTCAATCCAAGCAAAAGACGACATTCTACTTAAAAACCTTCAGAATGATGC
 AGCAGAGGTGAAGGGCGAAGATGAGATTGAGGAGGAAGACAGCTATGATTATGACAGTACTGGTACTTG
 GACGACTCGACTGGAAAACCTACCAAGGTTGGACCTGGAATGGCAGCAGTAACCATCAGGCAAATCGAC
 AGACTTCTAACTACAATTCAGCCAAAATGTCTACTCCAATTGACAAGTCTTTGCGAAAATTTGAAAAATA
 GATCAATCTAAGTAAGCTGAATGTTACTGATTCTGTCATAAATAAAGTCACCGTAAAATTTAGACAAAAA
 GAAGCAGAATCGTATCGCATTAAAGACAAGGCCGACAGCAACTGTAGAACAGGTTTTGGATCCAGAA
 CAAGGATGATTTTATTCAAGTTGTTGCATAAAGAGCACATATCAGAGATACATGGCTGCATCAGTACTGG
 AAAAGAAGCTAATGTATACTATGCTAGCACACCCAGTGGAGAGCAGAGCAATCAAATATACAAAAC
 TCTATTTTGATGTTCAAAGATCGTGATAAGTATGTGACTGGGGAGTTCAGTTCGCCCGTGGCTATTGCA
 AAGGAAAACCTAGAAAAATGGTGAAGACGTGGGCAGAGAAGGAGATGAGGAATTTGTCCAGGTTAAGAAC
 AGCAAACATACCATGCCAGAACCAATCAGGCTAAGAAGTCATGTTCTCCTCATGAGCTTCATTGGCAAG
 GATGACATGCCTGCACCACTTTTGAAAAATGTCCAGTTGTGAGAATCCAAGGCACGGGAGCTGTACTGC
 AGGTCATTCAGTACATGAGGAAAATGTATCAGGATGCCAGACTTGTCCATGCAGATCTCAGTGAATTC
 CATGCTGTACCATGGTGGAGATGTATATCATTGATGTTTCTCAGTCTGTGGAGCATGACCACCCACAT
 GCATTGGAGTTCTTGAGAAAAGACTGTGCCAATGTCAATGATTTCTTTTCAAGCATGCTGTTGCTGTGA
 TGACTGTGAAGGAGCTCTTCGAGTTCGTCACGGATCCCTCCATCACCTTGAGAACATAGTCTTATTT
 GGAAAAGGCTATGGAAATAGCATCTCAGAGGACCATGGAAGAAAAGACTAGCCAAGATCATGTGGATGAA
 GAGGTGTTCAAACAAGCATATATTTCCAGAACCTTAAATGAAGTAAAGAATTATGAGAGAGATGTGGACA
 TAATGATGAGGTTAAAGGAAGAGGACATGGCTTTGAACACTCAGCAGGACAATATTCTATACCAAGACTGT
 CACAGGACTGAAAAAGATTTGTCAGGAGTCCAGAAGTCCCTGCGCTCTAGAAAGTGAAGTAAAGGAA
 GAGACTTGTTTTATTGATTCAGACGATGCTGGGAGCTCTGAGTCTGACACAGACCCTGAAGAGCAGGGAG
 ATCAAGCCGGATGCCAAAACCACTACTGCTGACCCTGACGTTGATAAAAAGGAAAGAAAAAGATGGTCAA
 GGAAGCCCAGAGAGAGAAGAAAAAATAAATCCCTAAACACGTGAAAAAAGAAAGAAAAAACAGCC
 AAGGCCAAAAAGGGCAAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001100511
- Insert Size:** 1701 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001100511.1](#), [NP_001093981.1](#)

RefSeq Size: 2085 bp

RefSeq ORF: 1701 bp

Locus ID: 291061

Cytogenetics: 17p12