

Product datasheet for **RN201272**

Riok3 (NM_001108423) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Riok3 (NM_001108423) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Riok3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201272 representing NM_001108423
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCTGGTCGGAGTGTCTTACCTGAACCCGGGCCCGCAGCAGCTTGGGGACCCAGTAAAGTCCCAT
 GGGCTACCCTCAAACACAGTATCCTGTTCACTGGCGGAGGTGATGAGTGAAGAACTGGCCAAAGAGCT
 GCAGTTGGAAGAAGAAGCAGCTGCTTCCCTGAAGCTGTCGTTGCTGAAGGACCGTTTATTTCTGGAGAA
 AACATGGACACTTCCAGTGACCTGATGCTGGCTCAGATGCTACAGATGGAATTTGACAGAGAATACGATG
 CACAGCTTAGGCGTGAAGAAAAGAAGTTCAACGGTGACAGCAAAGTTTCCATTTCAATTTGAAAACATCG
 GAAAGTTCATCCCTTTGAAGACAGTGACAGCTCTGAGGACGAGGTTGACTGGCAGGACACTCGCGACGAT
 CCCTACAGACCAGCAAAGCCAGTTCCTACTCCAAAAAGGGTTTTATTGGAAAAGGAAAAGACATCACAA
 CTAAGCATGATGAAGTAGTATGTGGAAGAAGAACACAGCAAGAATGGAAAACCTTGCACCTGGCTTTCA
 GGTGGAGATGGAATTGGAATGGATTTAAAACATCCAACCACGTTTTTAAATGCTTTAAAACAACATGCC
 TACTCGGAAGAAGCTCGAAGTGCCCGTCTCCATGAGAAGAAGGAACATCCACCGCTGAAAAAGCAGTTG
 ATCCTAAGACACGCTTACTTATGTATAAAAATGGTCAACTCTGGAATGTTGGAGACAACTACTGGCTGTAT
 TAGTACAGGAAAGGAATCTGTTGTCTTTTCATGCATATGGAGGGAGCCTGGAGGATGAAAAGGAGGATGGT
 AAAGTTATACCAACAGAATGTGCCATCAAGGATTTAAAACAACCTCTTAATGAGTTCAAGAATCGTGACA
 AATACATTAAGATGATTTCAAGTTTAAAGATCGCTTCAGTAACTAAATCCACGTAAGATCATCCGCAT
 GTGGGCAGAGAAGGAGATGCACAATCTCACAAGAATGCAGAAGGCTGGAATTCCTGTCCAACAGTTGTA
 CTGCTTAAAGAAGCACATTTTAGTTATGTCTTTCATTGGCCACGATCAAGTCCAGCCCCTAAATTAAGG
 AAGTAAAGCTTAGTGAAGAAGAAAATGAAAGATGCCTACCACGACTCTCCACTTGATGCAGCAGTTGTA
 CAAGGAATGCACCCTTGTGCACGCCGACCTCAGCGAGTACAACATGCTGTGGCATGCTGGGAAGGCTGG
 TTGATTGATGTCAGTCAGTCGGTAGAACCAGCCATCCTCATGGCCTGGAGTTCTTATTCGTGACTGTA
 GGAACGTTTCACAGTTCTTCCAGAAGGGAGGAGTAAAGGAAGCCCTTAACGAGCGGGAGCTGTTCAATGC
 TGTTTCTGGCCTGAGCATCTCAGCAGACAATGAAGCTGACTTCTTAGCTGAGATAGAAGCTTTGGAGAAA
 ATGAACGAAGATCATGTTCAGAAGAATGGAAGGAAAGCAGCCTCGTTTCTGAAAGATGAAGGAAGTCCAC
 CCATGCTGTATGCAGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108423

Insert Size: 1560 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_001108423.1](#), [NP_001101893.1](#)

RefSeq Size: 3843 bp

RefSeq ORF: 1560 bp

Locus ID: 361293

Cytogenetics: 18p13