

Product datasheet for MC200302

Riok1 (BC002158) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Riok1 (BC002158) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Riok1
Synonyms:	3110046C13Rik, Ad034, MGC7300
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC002158

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CTAATGTACTACTATGCTAGCACACCCAGTGGAGAGAGCAGAGCAATCAAATATACAAAACCTTCTATTTT
GATGTTCAAAGATCGTGATAAGTATGTGACTGGGGAATTCAGGTTCCGGCGTGGCTATTGTAAGGAAAC
CCTAGGAAAATGGTGAGGACGTGGGCAGAGAAGGAGATGAGGAATTTGTGCAAGCTAAAAACAGCAAACA
TACCATGTCCAGAACCAATCAGGCTAAGAAGTCATGTTCTTCTCATGGGCTTCATTGGCAAGGATGACAT
GCCAGCCCCACTTTTAAAAATGTCCAGCTGTCAGAGTCCAAGGCACGGGAGTTGTACCTGCAGGTCATT
CAGTACATGAGGAAAATGTATCAGGATGCTAGACTTGTCCACGCGGATCTCAGTGAATTCACATGCTGT
ACCATGGTGGAGATGTTTACATCATTGATGTTTCTCAGTCTGTGGAGCATGACCACCCACATGCATTGGA
GTTCTTGAGAAAAGACTGTACCAATGTCAATGATTTCTTTTCCAAGCATGCTGTTGCAGTATGACCGTG
CGGGAGCTCTTCGACTTCGTACAGATCCCTCCATCACTGCTGACAACATGGATGCTTACCTGAAAAAGG
CTATGGAAATAGCATCCCAGAGGACCAAGGAAGAAAAGACTAGCCAAGATCATGTGGATGAAGAGGTGTT
CAAACAAGCATATATTCCAGAACCTTAAACGAAGTAAAGAATTATGAGAGAGATGTGGACATCATGATG
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TGAAAAAAGATTTGTCAGGAGTCCAGAAGTCCCCGCGCTCCTAGAAAAGTGAAGTTAAGGAAGAGACTTG
TTTTGGTTCAGACGATGCTGGGGCTCTGAGTGTCCGACACAGTCTCTGAAGAGCAGGAAGATCAAGCC
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TTCCTCACCGTCTCACTGTCAGAGGAGGCTGGGGTGTGGTCATGTATTGTTTCAAAGCCTATTCTTCC
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TTATTTTATATTTTATCTTGCAACATTTTCCACAAGTATCAGAACATGAGTGTATGATGAACAT
CCACGGACAAACTGGGAACGTTTGTCTTTCTTTGTCTATGCCAAAGACACATCTGAAACAGCCTGGAGCT
CCGCTCCGAGACGTCATCTGGCCGTTATGTGCCATTCCAGGAGCCCTGTTCTGTGTGTTCTGGATACA
CAGGAAGTGTCTATGATCCTGCTTCATCTTAACTATACTTTCCAGTGAAGCCCTCCAGCTCAGGCGC
CATTTACACCCAGCCATTTGTTTCATCAGATATTTCAAGTGTCTAGGAAGTGGGATATAGCTATGAATAA
AACACATTACTTCCAAAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	BC002158
Insert Size:	984 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:	<ol style="list-style-type: none">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:	BC002158 , AAH02158
RefSeq Size:	1712 bp
RefSeq ORF:	984 bp
Locus ID:	71340
Cytogenetics:	13 A3.3
Gene Summary:	This gene encodes a member of the RIO family of atypical serine protein kinases. A similar protein in humans is a component of the protein arginine methyltransferase 5 complex that specifically recruits the RNA-binding protein nucleolin as a methylation substrate. [provided by RefSeq, Feb 2011]