

## Product datasheet for **SC110673**

### **RIOK1 (NM\_031480) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RIOK1 (NM_031480) Human Untagged Clone
Tag:	Tag Free
Symbol:	RIOK1
Synonyms:	AD034; bA288G3.1; RIO1; RRP10
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:**

>OriGene ORF sequence for NM\_031480 edited  
 ATGGACTACCGCGGCTTCTCATGAGCCGGTGGTCCCCGGGCAATTCGACGACGCGGAC  
 TCCTCTGACAGTGAACACAGAGACTTGAAGACAGTCAAAGAGAAGGATGACATTCTGTTT  
 GAAGACCTTCAAGACAATGTGAATGAGAATGGTGAAGGTGAAATAGAAGATGAGGAGGAG  
 GAGGGTTATGATGATGATGATGATGACTGGGACTGGGATGAAGGAGTTGGAAAACCGCC  
 AAGGGTTATGCTGGAATGGAGGAAGCAACCCACAGGCAATCGACAGACCTCCGACAGC  
 AGTTCAGCCAAAATGTCTACTCCAGCAGACAAGGTCTTACGAAAATTTGAGAATAAAAT  
 AATTTAGATAAAGCTAAATGTTACTGATTCCGTCATAAATAAAGTACCGAAAAGCTAGA  
 CAAAAGGAAGCAGATATGTATCGCATCAAAGATAAGGCAGACAGACAACTGTAGAACAG  
 GTGTTGGATCCCAGAACAAGAATGATTTTATTCAAGATGTTGACTAGAGGAATCATAACA  
 GAGATAAATGGCTGCATTAGCACAGGAAAAGAAGCTAATGTATACCATGCTAGCACAGCA  
 AATGGAGAGAGCAGAGCAATCAAATTTATAAACTTCTATTTTGGTGTCAAAGATCGG  
 GATAAATATGTAAGTGGAGAATTCAGATTTTCGTCATGGCTATTGTAAGGAAAACCTAGG  
 AAAATGGTGAAAACCTGGGCAGAAAAGAATGAGGAACCTAATCAGGCTAAACACAGCA  
 GAGATACCATGTCCAGAACCAATAATGCTAAGAAGTCATGTTCTTGTGATGATTTTCATC  
 GGTAAAGATGACATGCCTGCACCACTCTTGAAAATGTCCAGTTATCAGAATCCAAGGCT  
 CGGGAGTTGTACCTGCAGGTCATTCAAGTACATGAGAAGAATGTATCAGGATGCCAGACTT  
 GTCCATGCAGATCTCAGTGAATTTAACATGCTGTACCACGGTGGAGGCGTGTATATCATT  
 GACGTGTCTCAGTCCGTGGAGCAGACCACCCACATGCCTTGGAGTTCTTGAGAAAAGGAT  
 TGCGCCAACGTCAATGATTTCTTTATGAGGCACAGTGTGCTGTCATGACTGTGCGGGAG  
 CTCTTTGAATTTGTCACAGATCCATCCATTACACATGAGAACATGGATGCTTATCTCTCA  
 AAGGCCATGGAATAGCATCTCAAAGGACCAAGGAAGAACGGTCTAGCCAAGATCATGTG  
 GATGAAGAGGTGTTAAGCGAGCATATATTCCTAGAACCTTGAATGAAGTGAATAAATAT  
 GAGAGGGATATGGACATAATTATGAAATGAAGGAAGAGACATGGCCATGAATGCCCAA  
 CAAGATAAATATTCTATACCAGACTGTTACAGGATTGAAGAAAAGATTTGTGAGGATTCAG  
 AAGGTCCCTGCACTCCTAGAAAATCAAGTGGAGGAAAAGGACTTGTCTGATTCAGAAGAT  
 ATTGGAAGCTCTGAGTGTCTGACACAGACTCTGAAGAGCAGGGAGACCATGCCCGCCC  
 AAGAAACACACCAGGACCTGACATTGATAAAAAAGAAAAGAAAAGATGGTCAAGGAA  
 GCCCAGAGAGAGAAAAGAAAACAAAATTCCTAACATGTGAAAAAAGAAAAGGAGAAG  
 ACAGCCAAGACGAAAAAAGGCAATAG

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_031480 unedited  
 NGGTTCAAATATTTGTATACGAACCTCTATAGGGGCGGCCGATTTCGGCAGGACTCCG  
 GCGGCGCTCTCCAGTCAATGACTACCGCGGCTTCTCATGAGCCGGTGGTCCCCGGGCA  
 ATTCGACGACGCGGACTCCTCTGACAGTGAACACAGAGACTTGAAGACAGTCAAAGAGAA  
 GGATGACATTCTGTTTGAAGACCTTCAAGACAATGTGAATGAGAATGGTGAAGGTGAAAT  
 AGAAGATGAGGAGGAGGAGGTTATGATGATGATGATGATGACTGGGACTGGGATGAAGG  
 AGTTGAAAACCTCGCAAGGGTTATGTCTGGAATGGAGGAAGCAACCCACAGGCAATCG  
 ACAGACCTCCGACAGCAGTTTCCAGCAAAAATGTCTACTCCAGCAGACAAGGTCTTACGAA  
 ATTTGAGAATAAAATTAATTTAGATAAAGCTAAATGTTACTGATTCCGTCATAAATAAAGT  
 CACCGAAAAGTCTAGACAAAAGGAGCAGATATGTATCGCATCAAAGATAAGGCAGACAG  
 AGCAACTGTAGAACAGGTGTTGGATCCCAGAACAAGAATGATTTTATTCAAGATGTTGAC  
 TAGAGGAATCATAACAGAGATAAATGGCTGCATTAGCACAGGAAAAGAAGCTAATGTATA  
 CCATGCTAGCACAGCAAATGGAGAGAGCAGAGCAATCAAATTTATAAACTTCTATTTT  
 TGGTGTCAAAGATCGGGATAATATGTAAGTGGAGAATTCAGATTTTCGTCATGGCTATTG  
 TAAGGGAACCTNAGAAAATGGTGAACCTTGGGCAGAAAAGAATGAGGGAATTNNAT  
 CAGGCTAAACACAGCAGAGATACCATGTTCCAGAACAATATGCCTAAGAAAGTCTGTTCTT  
 GTCATGAGNTTCATCGGTNAAG



**Protein Families:** Druggable Genome, Protein Kinase

**Gene Summary:** The protein encoded by this gene competes with pICln for inclusion in the protein arginine methyltransferase 5 complex. This complex targets substrates for dimethylation. The encoded protein is essential for the last steps in the maturation of 40S subunits. [provided by RefSeq, Jan 2017]  
Transcript Variant: This variant (1) encodes the longer isoform (1).