

Product datasheet for **SC209111**

RIOK2 (NM_001159749) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RIOK2 (NM_001159749) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: RIOK2
Synonyms: RIO2
ACCN: NM_001159749
Insert Size: 723 bp
Insert Sequence: >SC209111 3'UTR clone of NM_001159749
The sequence shown below is from the reference sequence of NM_001159749. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGGTATAGACTTCTGTCGATTGCTTTTTAACTTTAGTCTTGAGACTGATACTTTGTTAGATTCTAGTAA
AAGAATGTTTTTTCAAATGATGTGACAAAATTGTATTCTGCCACCTTGATGATAAAATGAAAGCCAA
ATAATTTTTTGTGTTAAAACTCAAATAGCTTCCTTTTCAATTGACCTGATTCTAGGCAGCCTATTG
ACTAAATTTCAAGTAATTCTGCCTTAAAAATACAACTGATGGCTGGGCACAGTGGCTCGCTCATGCCTG
TAATCTCAGCACTTCTGGGAGGCCAAGGCAGGCAAATCACCTGAGGTCAGGAGTTTGAGACCAGCCAGG
CCAACATGGCAAAACCCTGTCTCTACTAAAAATATAAAAATTAACCGGCATGGTGGCCTGTGCTTGTA
ATCCCAGCTACTTGGGAGACTGAGGCAGGAGAATCACTTGAACCTGGGAGGCAGAGGTTGCAGTAAGCC
AAAGATCGTACCACTGCACTCCAGCCTGGGTGACGAGCAAAAACTCCGTCTCAAAAATATATATATAT
ATACAACTGATGATTTTTAAATATTGTCAGGTCTCTGGATACATTGATCAGGTTTTAGATGGATGAGT
TATTCCTCATATATTTTCTAATTACACATCTGATGTGTGTTTGAGTTATGTAAGGCATGTAATATT
AAAACATGCAATAAATGTACTTTCTATATGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001159749.2
Summary:	Serine/threonine-protein kinase involved in the final steps of cytoplasmic maturation of the 40S ribosomal subunit. Involved in export of the 40S pre-ribosome particles (pre-40S) from the nucleus to the cytoplasm. Its kinase activity is required for the release of NOB1, PNO1 and LTV1 from the late pre-40S and the processing of 18S-E pre-rRNA to the mature 18S rRNA (PubMed:19564402). Regulates the timing of the metaphase-anaphase transition during mitotic progression, and its phosphorylation, most likely by PLK1, regulates this function (PubMed:21880710).[UniProtKB/Swiss-Prot Function]
Locus ID:	55781
MW:	28.1