

## Product datasheet for SC209765

### RIC8 (RIC8A) (NM\_021932) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	RIC8 (RIC8A) (NM_021932) Human 3' UTR Clone
Symbol:	RIC8
Synonyms:	RIC8
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_021932
Insert Size:	793 bp
Insert Sequence:	>SC209765 3'UTR clone of NM_021932 The sequence shown below is from the reference sequence of NM_021932. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCTCGGACCCTGACTCGGACCCTGACTTGAGGATGGCAGCTCTTCTGCTCCCCATCAGGACTGGTGTCT
GCTTCCAGAGACTTCTTGGGGTTGCAACCTGGGAAGCCACATCCCACTGGATCCACACCCGCCCCCA
CTTCTCCATCTTAGAAACCCCTTCTTGGACTCCCGTTCTGTTTCATGATTTGCCTCTGGTCCAGTTTCT
CATCTCTGGACTGCAACGGTCTTCTTGTGCTAGAACTCAGGCTCAGCCTCGAATTCACAGACGAAGTA
CTTCTTTTGTCTGCGCCAAGAGGAATGTGTTCAAGAGCTGCTGCCTGAGGGCAGGGCCTACCTGGGCA
CACAGAAGAGCATATGGGAGGGCAGGGGTTGGGTGTGGGTGCACACAAAGCAAGCACCATCTGGGATT
GGCACACTGGCAGAGCCAGTGTGTTGGGGTATGTGCTGCACCTCCAGGGAGAAAACCTGTCCAGAACTT
TCCATACGAGTATATCAGAACACACCCTTCCAAGGTATGTATGCTCTGTTGTTCCCTGTCTGCTTCCAC
TGAGCGCAGGGCTGGAGGCTCTTAGACATTCTCCTTGGTCTCGTTCAGCTGCCCACTGTAGTATCCA
CAGTGCCCGAGTTCTCGCTGGTTTTGGCAATTAACCTCCTTCTACTGGTTTAGACTACACTTACAAC
AAGGAAAATGCCCTCGTGTGACCATAGATTGAGATTTATACCACATACCACACATAGCCACAGAAAAA
TCATCTTGAAATAAAGAAGAGTTTTGGACAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: Sgfl-Mlul



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_021932.6</a>
<b>Summary:</b>	Guanine nucleotide exchange factor (GEF), which can activate some, but not all, G-alpha proteins. Able to activate GNAI1, GNAO1 and GNAQ, but not GNAS by exchanging bound GDP for free GTP. Involved in regulation of microtubule pulling forces during mitotic movement of chromosomes by stimulating G(i)-alpha protein, possibly leading to release G(i)-alpha-GTP and NuMA proteins from the NuMA-GPSM2-G(i)-alpha-GDP complex (By similarity). Also acts as an activator for G(q)-alpha (GNAQ) protein by enhancing the G(q)-coupled receptor-mediated ERK activation.[UniProtKB/Swiss-Prot Function]
<b>Locus ID:</b>	60626
<b>MW:</b>	29.6