

## Product datasheet for **RC222065**

### RBIS (NM\_001099670) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RBIS (NM_001099670) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RBIS
Synonyms:	C8orf59
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC222065 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCAAGAACAATTAAGAGGGCCGAAGTCCAGGAATGTATTTACATAGCCAGCCAAAAAACTTTA  
AGGCTAAAAACAAAGCAAACCAGTTACCACTAATCTTAAGAAGATAAACATTATGAATGAGGAAAAAGT  
TAACAGAGTAAATAAAGCTTTTGTAAATGTACAAAAGGAAGTGCACATTTGCAAAAAGCATTTCCTT  
GAACCTCTGCAGAAAGAACTGATTCCTCAGCAGCGTCATGAAAGCAAACCAGTTAATGTTGATGAAGCTA  
CAAGATTAATGGCTCTGTTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222065 protein sequence Red=Cloning site Green=Tags(s)
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MAKNKLRGPKSRNVFHIA SQKNFKAKNKAKPVTTNLKKINIMNEEKVNRVNKAFVNVQKELAHFAKSISL  
EPLQKELIPQQRHESKPVNVDEATRLMALL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: [https://cdn.origene.com/chromatograms/mk8022\\_d10.zip](https://cdn.origene.com/chromatograms/mk8022_d10.zip)

Restriction Sites: SgfI-MluI



[View online »](#)

**Cloning Scheme:**


**ACCN:** NM\_001099670

**ORF Size:** 300 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001099670.2](#)

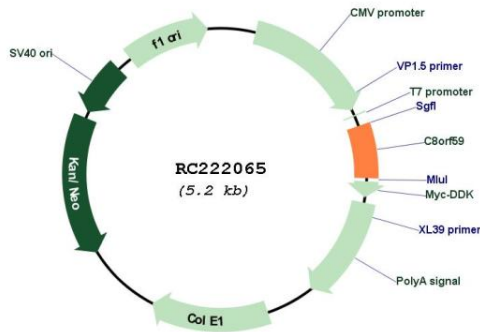
**RefSeq Size:** 1058 bp

**RefSeq ORF:** 303 bp

**Locus ID:** 401466

**UniProt ID:** Q8N0T1  
**Cytogenetics:** 8q21.2  
**MW:** 11.5 kDa  
**Gene Summary:** Trans-acting factor in ribosome biogenesis required for efficient 40S and 60S subunit production.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC222065