

Product datasheet for **RC222976**

RIBC1 (NM_144968) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RIBC1 (NM_144968) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: RIBC1
Synonyms: 2610028I09Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC222976 representing NM_144968
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTATAACATAAAACAGTCAACAGATACCAAGGAAGCAGCAGCCATCGAGGCTAGAAGAAATCGAGAAA
 AAGAGCGACAAAACCGATTCTTCAATGTGCGGAACCGAGTCATGGGGTGGATGTCCAGGCCCTGAACAA
 CCAGGTGGGAGACCGAAAGCGTCGGGAAGCAGCAGAAAGAAGCAAGGAGGCAGCTTATGGTACCAGCCAG
 GTGCAGTATGATGTGGTAGTCCAGATGTTAGAGAAGGAAGAGGCAGATCGAACACGTCAGCTGGCCAAGA
 AAGTCCAGGAGTTTCGGGAGCAGAAGCAGCAGCTCAAGAACGGCGTGAATTTAGTCTTTGGGATCCAGG
 CCAAGTCTGGAAGGGGCTTCCAACCTATCTTAGTTACAGTAATACCTATCCTGGTCCAGCCAGCCTGCAG
 TACTTCTCTGGGAAGACCTAGACAGGGACACACGGCTGAGAAATGCAGCAGGGGCAGTTCAGGTACAAC
 TGGAAAGCAACAGCAGGAGCAACAGCAAGCAAGGTTGATGAGAATTATACAGTAAGCAGCCCCGGCC
 TCCAGACTCAGAGACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC222976 representing NM_144968
 Red=Cloning site Green=Tags(s)

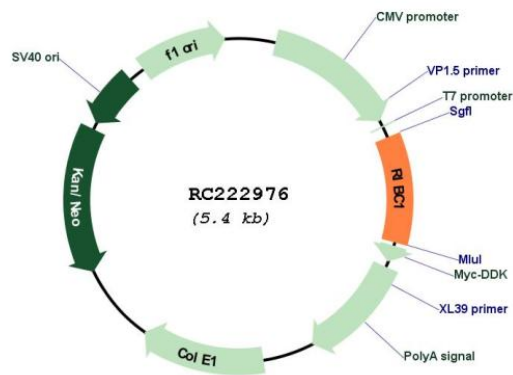
MYNIKQSTDTKEAAAIEARRNREKERQNRFFNVRNRVMGVDVQALNNQVGRDRKRREAAERSKEAAYGTSQ
 VQYDVVVQMLEKEEADRTRQLAKKVQEFREQKQLKNGREFSLWDPGQVWKGLPTYLSYSNTYPGPASLQ
 YFSGEDLDRDTRLRMQQQFRYNLERQQEQQAQKVDENYTGKQPGPPDSET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:

Plasmid Map:


ACCN: NM_144968

ORF Size: 576 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_144968.4](#)

RefSeq Size: 1954 bp

RefSeq ORF: 579 bp

Locus ID: 158787

UniProt ID: [Q8N443](#)

Cytogenetics: Xp11.22

MW: 22.6 kDa