

Product datasheet for SC302589

RIBC1 (NM_001031745) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	RIBC1
Synonyms:	2610028I09Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302589 representing NM_001031745. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTATAACATAAAACAGTCAACAGATACCAAGGAAGCAGCAGCCATCGAGGCTAGAAGAAATCGAGAA
AAAGAGCGCAGAAAACCGATTCTTCAATGTGCGGAACCGAGTCATGGGGGTGGATGTCCAGGCCCTGAAC
AACCAGGTGGGAGACCGAAAGCGTCGGGAAGCAGCAGAAAGAAGCAAGGAGGCAGCTTATGGTACCAGC
CAGGTGCAGTATGATGTGGTAGTCCAGATGTTAGAGAAGGAAGAGGCAGATCGAACACGTCAGCTGGCC
AAGAAAGTCCAGGAGTTTCGGGAGCAGAAGCAGCAGCTCAAGAACGGCGTGAATTTAGTCTTTGGGAT
CCAGGCCAAGTCTGGAAGGGGCTTCCAACCTATCTTAGTTACAGTAATACCTATCCTGGTCCAGCCAGC
CTGCAGTACTTCTCTGGGAAGACCTAGACAGGGACACACGGCTGAGAATGCAGCAGGGGCAGTTCAGG
TACAACTTGAAAGGCAACAGCAGGAGCAACAGCAAGCAAGGTTGATGAGAATTATACAGATGCGCTC
AGTAACAGCTGCGCCTCGCCATGGATGCACAGGCCACCCATCTGGCCAGGCTGGAGGAGTCTGTCTGT
GCGGCCATGATGTGTGCCATGGCCAAACGCAACAAAGCGCAGGCAGCTGTGCAGGCTGGGCGTCAGCGC
TGTGAGCGTCAGCGTGAACAGAAGGCCAACCTTGCAGGATCCAGCACCAGAGCAGAGTACCTACTG
ACTGAAACCCCGAGTGCAGCAACACCTATGGCTCCCTACCGGGTCTGCCCTATTGCTGGAAGGGC
ATGACTCCAGAGCAGCAAGCTGCCATCAGGAAAGAGCAGGAAGTACAACGCTCTAAGAAGCAAGCACAC
CGTCAGGCTGAGAAAACACTGGATACTGAATGGAAGGCAAGCCATGAGCTCAGCCAGGCAAGTCTG
GAGCTAGAAGAGCAGGAGAGGGAATTTGTGTGTATTTCAAAGGGGTCTAGGATCCTTCAACCAGCAG
CTGGCTAATGAGCAAAAAGCCAGCAGGATTACCTGAATTCAGTAATCTACACCAATCAACCTACAGCC
CAGTATCACCAGCAGTTTAACACCAGCAGCCGCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCG
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Restriction Sites: SgfI-MluI



ACCN:	NM_001031745
Insert Size:	1140 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001031745.4</u>
RefSeq Size:	1510 bp
RefSeq ORF:	1140 bp
Locus ID:	158787
UniProt ID:	<u>Q8N443</u>
Cytogenetics:	Xp11.22
MW:	44 kDa