

## Product datasheet for **SC115756**

### **KRR1 (NM\_007043) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	KRR1 (NM_007043) Human Untagged Clone
Tag:	Tag Free
Symbol:	KRR1
Synonyms:	HRB2; RIP-1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_007043, the custom clone sequence may differ by one or more nucleotides

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ATGGCGTCTCCCTCGCTGGAGCGGCCAGAAAAAGGCGCTGGAAAAAGTGAATTCGTAACCAAGAAGCCGA
AGCCGGAGAACCAAGATGAATCAGAACTCCTTACGGTTCCTGATGGTTGGAAGGAACCAGCTTTTCCAA
AGAGGACAATCCCAGAGGACTTTTGGAGGAGAGCAGTTTCGCAACTTTGTTCCAAAAATACAGGGAAGCT
TACTTGAAAGAGTGTGGCCATTGGTGCAGAAAGCCTTAAATGAACATCATGTTAATGCAACCTGGACC
TGATCGAAGGCAGCATGACTGTTTGTACTACAAAGAAGACTTTTGATCCATATATCATCATTAGGGCCAG
AGATCTGATAAACTGTTAGCAAGGAGTGTTCATTTGAACAGGCAGTACGAATTCCTCAGGATGATGTT
GCATGTGACATCATAAAATAGTTCCTTGTAGTAAGGAATAAAGAGAGATTGTAAAACGAAGACAACGGC
TTATTGGTCCCAAAGGATCTACATTGAAGGCATTGGAACCTTAACTAATTGTTACATTATGGTTCAGGG
AAACACAGTTTCAGCCATTGGACCTTTTGTGGCTTAAAAGAGGTTAGAAAAGTAGTCCTTGATACTATG
AAGAATATTCATCCAATTTATAACATTAAGGCTTAATGATTAAGAGAGAGTTGGCAAAAGATTCTGAAT
TACGATCACAAGTTGGGAGAGATTTTGGCCACAGTTCAAACACAAAAATGTGAATAAACGCAAGGAACC
AAAGAAAAAACTGTTAAGAAAGAATATACGCCATTCCCACCACCACAACCAGAAAGTCAGATCGATAAA
GAATTGGCTAGTGGTGAATACTTTTGAAGGCAATCAGAAGAAGCGGCAGAAAAATGGAAGCAATAAAGG
CTAAACAAGCAGAAGCCATCAGTAAGAGACAAGAGGAAAGAAACAAGCATTTATCCACCTAAGGAAAA
ACCAATTGTGAAACCTAAGGAAGCTTCTACTGAACTAAAATTGATGTGGCCAGCATCAAGGAAAAGGTT
AAGAAAGCAAAGAATAAGAAACTGGGAGCTCTTACAGCTGAAGAAATTGCACTTAAGATGGAGGCAGATG
AAAAGAAAAAGAAGAAAAAAGTAA
```



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_007043 unedited  
 GGTGGTTCGNTTTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGGCAGCT  
 TGCAAAATGGCGTCTCCCTCGCTGGAGCGGCCAGAAAAAGCGCTGNGAAAAAGTGAATTT  
 CGTAACCAAGAAGCCGAAGCCGGAGAACCAAGATGAATCAGAACTCTTACGGTTCCTGAT  
 GGTTGGAAGGAACCAGCTTTTTCCAAAAGAGGACAATCCAGAGGACTTTTGGAGGAGAGC  
 AGTTTCGCAACTTTGTTCCAAAATACAGGGAAGCTTACTTGAAGAGTGTGGCCATTG  
 GTGCAGAAAGCCTTAAATGAACATCATGTTAATGCAACCCTGGACCTGATCGAAGGCAGC  
 ATGACTGTTTGTACTACAAGAAGACTTTTGTCCATATATCATCATTAGGGCCAGAGAT  
 CTGATAAAACTGTTAGCAAGGAGTGTTCATTTGAACAGGCAGTACGAATTCCTCAGGAT  
 GATGTTGCATGTGACATCATTAAATAGGTTCTTTAGTAAGGAATAAAGAGAGATTTGTA  
 AAACGAAGACAACGGCTTATTGGTCCCAAAGGATCTACATTGAAGGCATTGGAATCTTA  
 ACTAATTGTTACATTATGGTTCAGGGAACACAGTTTCAGCCATTGGACCTTTTGTGGC  
 TTAAGAGAGGTTAGAAAAGTAGTCTTGATACTATGAAGAATATTCATCCAATTTATAAC  
 ATTAAGAGCTTAATGATTAAGAGAGAGTTGGCANAAGATTCTGAATTACGATCACAAAGT  
 TGGGAGAGATTTTGGCCAGATTCAAACACANNAATGTNGAATAAACGCAGGGACCAAAG  
 AAAAAAAGCTGTTAAGAAAGATATACGCCATTCCACCACACACCAGAAAGTCAGATCGA  
 TAAAGATGGGCTAGTGGNTGATACTTTTTGAAGC

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_007043 unedited  
 ACCGCGGCCGCATTCTANAGNCGAGTAAAANTTTTTTTTTTTTCTTTTCATCTGCCTCCA  
 TCTTAAGTGAATTTCTCAGCTGTAAGAGCTCCAGTTTCTTATTCTTTGCTTTCTTAA  
 CCTTTTCCTTGATGCTGGCCACATCAATTTTAGTTTCAGTAGAAGCTTCTTAGGTTTCA  
 CAATTGGTTTTTCTTAGGTGGAATAAATGCTTTGTTTCTTCTTGTCTTACTGA  
 TGGCTTCTGCTTGTTAGCCTTTATTGCTTCCATTTTCTGCCGCTTCTTCTGATTTGCCT  
 TCAAAAAGTATTCACCACTAGCCAATTTTATCGATCTGACTTTCTGGTTGTGGTGGTG  
 GGAATGGCGTATATTCTTTCTTAACAGTTTTTTCTTTGGTTCCTTGCCTTATTACAT  
 TTTTGTGTTTGAAGTGTGGCAAAAATCTCTCCAACTTTGTGATCGTAATTCAGAATCTT  
 TTGCCAATCTCTCTTAATCATTAAAGCTTTTAAATGTTATAAAATGGATGAATATCTTCA  
 TAGTATCAAGGACTACTTTTCTAACCTTTTTAAGCCACTAAAAGGTCCAATGGCTGAAA  
 CTGTGTTTCCCTGAACCATAATGTAACAATTAGTTAAGAGTTCCAATGCCTTCAATGATG  
 ATCCTTTGGGACCAATAAGCCGTTGTCTCGTTTTACAAATCTCTTTTATTCTTACTA  
 AAGAACCTATTTTAAATGATGTCACATGCCACATCATCCTGAAGAATTCGTAAGCTGGT  
 CAAATGAAACACTCCTTGCTACAGNTTATCAGATCTCTGCCCTAATGATGAATATGG  
 ATCAAAAGCCTTCTTGTAGTACAAACGGCATGCTGCCTTCGATCGGTTCCAGGTTGGCA  
 TTACCTGAAGTTCATTTAAGGCTTCTGCACCATGGCCACACTTTTTAGTAGCCTCCCT  
 GTATTTTGAACAAGTTGCGAAGTCTCTCCCAAGGCCTCGGAATGGCCCTTTGG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_007043

**Insert Size:**

1170 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).

**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\\_007043.1](#), [NP\\_008974.1](#)

**RefSeq Size:** 3357 bp

**RefSeq ORF:** 3357 bp

**Locus ID:** 11103

**UniProt ID:** [Q13601](#)

**Cytogenetics:** 12q21.2

**Domains:** KH

**Gene Summary:** Required for 40S ribosome biogenesis. Involved in nucleolar processing of pre-18S ribosomal RNA and ribosome assembly (By similarity).[UniProtKB/Swiss-Prot Function]