

Product datasheet for **SC317609**

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>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_007043 edited
 ACCGGAAGCAGCTTCAAATGGCGTCTCCCTCGCTGGAGCGGCCAGAAAAAGGCGCTGGA
 AAAAGTGAATTCGTAACCAGAAGCCGAAGCCGGAGAACCAAGATGAATCAGAACTCCTT
 ACGGTTCTGTATGGTTGGAAGGAACCAGCTTTTCCAAAGAGGACAATCCCAGAGGACTT
 TTGGAGGAGAGCAGTTTCGCAACTTTGTTCCAAAATACAGGGAAGCTTACTTGAAGAG
 TGTTGGCCATTGGTGCAGAAAAGCCTTAATGAACATCATGTTAATGCAACCCTGGACCTG
 ATCGAAGGCAGCATGACTGTTTTGTACTACAAAGAAGACTTTTGATCCATATATCATCATT
 AGGGCCAGAGATCTGATAAAAAGTGTAGCAAGGAGTGTTCATTTGAACAGGCAGTACGA
 ATTCTTCAGGATGATGTTGCATGTGACATCATTAAAATAGGTTCTTTAGTAAGGAATAAA
 GAGAGATTTGTAACGAAGACAACGGCTTATTGGTCCAAAGGATCTACATTGAAGGCA
 TTGGAACCTTAACTAATTGTTACATTATGGTTCAGGGAACACAGTTTCAGCCATTGGA
 CCTTTTAGTGGCTTAAAAGAGGTTAGAAAAGTAGTCTTGATACTATGAAGAATATTCAT
 CCAATTTATAACATTAAGCTTAATGATTAAGAGAGAGTTGGCAAAAGATTCTGAATTA
 CGATCACAAAGTTGGGAGAGATTTTGGCCAGGTTCAAACACAAAATGTGAATAAACGC
 AAGGAACCAAAGAAAAAACTGTTAAGAAAGAATATACGCCATTCCCACCACCACAACCA
 GAAAGTCAGATCGATAAAGAATTGGCTAGTGGTGAATACTTTTTGAAGGCAAAATCAGAAG
 AAGCGGCAGAAAATGGAAGCAATAAAGGCTAAACAAGCAGAAGCCATCAGTAAGAGACAA
 GAGGAAAGAAACAAAGCATTATTCCACCTAAGGAAAAACCAATTGTGAAACCTAAGGAA
 GCTTCTACTGAACTAAAATTGATGTGGCCAGCATCAAGGAAAAGGTTAAGAAAGCAAAG
 AATAAGAACTGGGAGCTTTACAGCTGAAGAAATTGCACTTAAGATGGAGGCAGATGAA
 AAGAAAAAGAAGAAAAAAAGTAACATACCCAAAACCTCTTGACTAGAACTATCTCCTTT
 TGTAAGGATTTTGGATATCAGGCATTAGTTCCTTATTTGTGAGAAAATTTCTGAGGG
 CTTTTTTTTTTTTGGTGGTGGTGGTTCATAGAAGAGTGTCTTTTATAAATTATATT
 ATTATTGTATTTTTGAAAAATTTATACTAGAAAAGTGGTATATATGTCTTTGTATACATT
 ACGACCATTGTGATTATCCATTAATCCAGTGTCTGATGCTATTGGTTAGTAATGATGTC
 CCAGCATTGATGTTCCCTCTCTAATGATAACAAGTAAATATTTAGGTTTATCCCTTTTG
 AAAGTTTGGTTTTACTTTAACAGTCCATGAACAGAAAATTAAGGCCTCTAAAATCAGAT
 CCCCTAGTTACTCTCTGTTCTGAATCTGGGGAAGTAGTAAACAAAAAGACAGGGAAAA
 CCAGATATTTAGAGTCGAAGCAGCATGCAAAAAATAATAATGTTTTTAACTAATGAAGGC
 TACTGGAGTTACTAAGAATCACCTAAAAATGTGCTACTGTACCTTGCTCATTTTGCAGAT
 TTAGAAGCTGAAACATGGGTTAGGTTACTTACTAAAAGTCCACCTGTGGCAACCTGCAAA
 TAATGCTTATTTATACTAAAGATGAGTTTATCTGATAGAGTTAGGAAATTTCTTCTTTTG
 AGTAAGAGTATTGCTATAACATATATTTTTTTCTGAAATGTTTTAAAATAGAAGTACACC
 TAATTGTTATTGGTTAAAAAAAAGCCATATGTGAATGAGGTTGGTTTTTGGGTTTTTTC
 TTTCTGAATTGTATTAGTCCAAAAGAACTAAATTAGGGTACTTGTGCTGTACCAAAATG
 GTAATTATAACAGACAGTATTAGAATTACTGAATTAACAATGAGAAAGAGAGAAGTGTAT
 CTGTTACGTGGATATATGGGCCAGCCTGGATATACAACAGAGTAGTAACCTGTGAAACAA
 ACATAGAATATCCTCTTAGACATTGTTCCCTCATAATGCACTGACAGAATTCACATAGCTC
 TTAATGAAACAATTTAAGATTGATGTACGTACGTTTACTTGGTCTCGCTGTCGGTTAAC
 TGTAAAGTTAGGGGAAGAAAGAAAAAAATTAAGGGTAGACACAGTTGAGAGTTTTTA
 TTTTAAAAAGCTAAGTCTTATAATTATGACCATTAACCTGCTTTGGCTTTATTGCAGTGA
 CTTTCAAAGTTAATTATTCAAACCTTTTGAAGTACTGAAATTAACCTGGTATTTTTAA
 GTTGACTTTTTACATAAACTTTATAAACCTTTTAAAAAGGAACTATAACCATTACTAT
 AAATGGAAAATCATTTTACATACATACCTAGCAGGTAATAAAATTTAAAAATAAAAAAT
 TAAATATTTATTAATAAAAAAAAAAAAAAAAAA

Restriction Sites: NotI-NotI
ACCN: NM_007043
Insert Size: 2600 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_007043.6.
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:	<ol style="list-style-type: none"> 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:	<u>NM_007043.6, NP_008974.5</u>
RefSeq Size:	3357 bp
RefSeq ORF:	1146 bp
Locus ID:	11103
UniProt ID:	<u>Q13601</u>
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]