

## Product datasheet for **RC239929**

### KRBA1 (NM\_001290187) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** KRBA1 (NM\_001290187) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** KRBA1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC239929 representing NM\_001290187  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGATCGCC

ATGGCGCGCCAGGTGTCATCACCTTCAAGGACTTGGCCGTGCGGTTCTCGGAGGAGGAGTGGCGGCTCC  
 TGGAGGAGGGGCAGAGGGAGTTCTACCGAGACGTGATGCGGGAGAAGCTACGAGACGCTGGTCTCTGTGGG  
 GACAGCTGAGCTGCTCCCTCTCTGCTTCTGTGTCACCTCAGAGCCTGGAAGAGCTGTTGGGGAGGG  
 AGCCACGCTGATGAGGGGCAGGAGCCTGCTGGTTGTGGAGATCCCCAGGGGGGACACCCCGGCACAGCC  
 TGCACCTCACAGCCCTGGTGCAGCTGGTGAAGGAGATCCCAGAGTTCTTGTGGAGAAGTCAAGGGCGC  
 TATGGACAGCCCCGAGAGCGAGAGCCGGGAGCCAGCCTGGATGGAGAGAGAGCGAGCCCCGAGGCTGCG  
 GCAAGAGAGCCCTGCCCTCTCCGAGGCTGCTCAGCTGCCTTCCAGACGGCCCTACCAGCCAGCCCCACC  
 TGGCCACCACGCCACCGACAGCTCGTGTCCAGTGGCCCAACTGGTACGGGGTCCAGGAAAGTCTCT  
 CCCCATAAACTGCCGACAAACCGTGGCCTACAAGGAAGGAAGGCCAGGAGCCCTGGCGGGGAGCCC  
 AGCCCTCCACCCATAGCCCCAGCAGGAGGAAGAGCCACAGAGGACAGGAGAGGGACCTCAGAGGCCG  
 GAATTTCTCCTGGGAACAGCCCCCTGCAAGGCCTCATCAACTGTCTGAAGGAAATCCTTGTGCTGGGCC  
 CCGGCACCCCGAGACATCCCAAGCTTCTTGCCACCTCTCCCTAGCCTGGGCACGTCCAGGCTAACCAGA  
 GCAGACCTGGGGCCTGGGAGCCCGCCCTGGGCAGTGAAGACCGAGGCGGTTTCAGGGGATTGCCCTCC  
 AGGGTCTGCTACACTGTCTGAAGGAGCTCCCCGAGGCCAGGACAGGCATCCCAGTCCCTCAGGAGTGGG  
 GAACCGACGGCTACAGGAGAATCCAGGAGCCTGGAAAAGGGGTTCTGGAGGGCCTGGATACCTCCTGACC  
 CCTCCTCCCCATCCTGATCTTGGAGCTGGCGGTGCTGCTCTGTGAAGATGGAGAACAGCTGGGTCCAGA  
 GCCCCCCAGGACCTGCATCCTGTGAGCCTGGCAGGAGCCCTCAGTCCCTCAGCCACTGGAGACACCAG  
 AGGGTCCCCAACCCAGCTGGGGCCCTGAGGCTCAAGCTGCCAGTGCCTCAAGCTCACCCTGGAAGCC  
 CTGGAAGCCTGTCTGAAGGCATTCCCCAAATGGGTCGTACCTTCCAGCTGCCACCCACTTCTTGT  
 CCCAGAACCCCGAGCAGGAGACTCTAGTCTCAGAAGCCTGAACTGCAACCCACAGATCACACAGTGA  
 AGAAGCGACAGAGAGCCTGTTCTGCCTCTGGGTCTGCAGAGCTGTGTGAGAGATGGCCCCAGCAGGCC  
 CTGGCCCCCGAGGAACCCACAGCTTCTCCTCATCCAGCAGCACCAGTGGGACCTGGATTTTGGGA  
 GTCCTGTGGGAACAGGGGCAGCATCCTGGAAAAGGAAGCCACCAGGAAGCTCCCACTGCAGGGTCT  
 GGAGAATTGTCTCAAGGAGATACCTGTGCTGTGCTGCGGCTGCTGCGCCTGCTCCTCAGCAGCAGAC



[View online »](#)

AGGGGACCGAGGAGAGCAGAGCCAGGAAGCTGGACAGCAGACAAGGAAGGACTGAGGGCTGAGGCCTGCG  
 AGTCAGCCCGTCTCGGGCAGGGTAGGGGAGAAGCGCCACCCGGAGCCTCCATCTGGTCAGCCCACAGGT  
 GTTCACCTCCAGCTGCGTCCCGCCTGCCACCAGCGGGGTTCAAAGACCCTGGGGCCACCAGGCCAGGA  
 GTGTGGAGGTGGCTCCAGAGGGGTCTGCCCAAGCCCTCCCGCTGCACTGCTGGAGAGCGCCCTGA  
 GGGGATCTTGCCTGTAAGGCCCTTGCCTTGCCTGCGTGGGAGGCCAGCCAGCCAGCCAGCCCGG  
 CTCCAGCTCGAGCTTACGCGCTCTGAAGGAGAAGACCCGAGGCCAGAGCCTGATCTCTGGAAGCCGCTC  
 CCCCAGGAGAGGGACCGCTTCCAGCTGTAAGCCTCTGTCCCTGTCCCATGTCTGGTGGGACCC  
 CTGCTGGCAGCAGTGGCGCAGCCCTGGTGAAGACCCAGGAGAACAGAGCCAGGACTGACAGCGGCT  
 CGGTGCAGGTACAGCTCAGGATCCCTGCCCGTTTCTCAGCTGGAGAAAAGGCCAGGGTTAGTGAAGCA  
 TCCAGAGGCTGGAGCTTGGACATGGAAGACCCAGAGTTGCAGCCAAGACCCATGAGAGGCTGCTCCCC  
 AGGGCCCGCTGAGCTGCCAGTGAGTCTCCCCCTCCGGAGTGGCCCTCCGGAAGCTGCGCCTCTGT  
 GTTGCCAGCTCTCCCTGCAGCCGCTGCACTGTGGGAAGCCCTGCAGCAGGAGCTGCACAGCCTC  
 GGTGCTGCCCTTGCAGGAAAGCTGGATCGGCTCGCCACAGCGCTGGCAGGCTGGCTCAGGAAGTGCCA  
 CCATGAGGACCCAGGTGAATCGGCTGGGAGGCGCCCAAGGCCCTGGCCAATGGCCAAGTCTCTG  
 GATGTGGACCCTCCACGGGACCTCGCTGGGCTCATGGCCCTGGTACAGACATCTGCCCTACTGGAGG  
 CAGAAGGGACCCAGAGGCTAAACCAAAGATCTGCGTGGCCAGGAGAGAGCTCAGGCTGGTGACC  
 TGAAGGACTCTCCAGAGGGACCGCTCGCCGGCAGCTCCGCTGCCTCCAGACGCTCCCCGGCAGAAC  
 TCTGGGCTCCACTGCAGCTTCCCAGCAGCTGCTGTCTTACACCCAGCTGCCATGCTGCGCCGCT  
 GCACACCCCTCTCGCACATACCGGGGCCACCAGAGCCCTTCCCCCTTTAGTGCCTGCTGCCTTAC  
 CCCTGCAGGGAGCCTCTCTCTGCAGCCAGTGCAGATGCAGACGTGCCGACCTCAGGAGTGGCACCAGA  
 CGGGATCCCAGAGCGGCCAAGGAGCCGAGCAGCTGCTGGGAGGAGTGCAGAGGGCCCTCCAGGAAGAA  
 CTGTGGGTGGGAGCACAGGACCCGAGATGGGGGCGCAT

ACGCGTACGCGCGCCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGTTTAA

**Protein Sequence:**

>RC239929 representing NM\_001290187  
 Red=Cloning site Green=Tags(s)

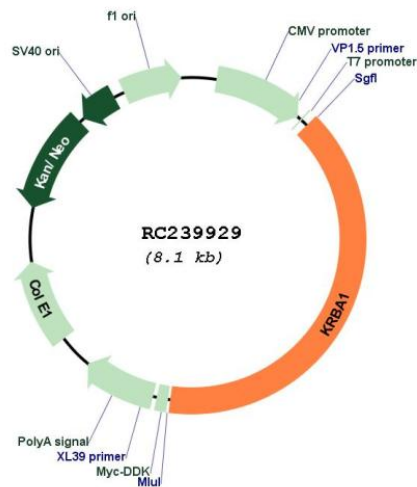
MARQVITFKDLAVRFSEEEWRLLEEGQREFYRDVMRENSETLVSVGTAELLPLSAFLSPSEPRGAVGGG  
 SHADEGEQEPAGCGDPQGGQPRHSLHLTALVQLVKEIPEFLFGEVKGAMDSPSESRGASLDGERASPEAA  
 AREPCPLRGLL SCLPDGPTSQPHLATTPTDSSSSGPTGDGVQGSPLPIKTADKPWPTRKEGPGALGGEP  
 SPPTHSPSRRKSHRGQERGTSEAGISPGNSPLQGLINCLKEILVPGPRHPETSPSFLPPLPSLGTSLRTR  
 ADLGPSPWVAVKTEAVSGDCPLQGLLHCLKELPEAQDRHPSGSGVGNRRLQENPGAWKRGSGGPGYLLT  
 PPPHPDLGAGLLSVKMENSWVQSPPGPASCQPGRQPLSPSATGDTRGVPQPSWGPEAQAASASSSPLA  
 LEACLKGIIPNGSSPSQLPPTSCSQNPQPGDSRSQKPELQPHRSHSEATREPVLPGLQSCVRDGPSPR  
 LAPRGTPTSFSSSSSTDWDLDFGSPVGNQGHQHPGKSPGSSPLQGLLENCLKEIPVPLRPAWPCSSAAD  
 RGPRAEPRNWTADKEGLRAEACESARLQGRGEAPTRSLHLVSPQVFTSSCVPACHQRFKDPGATRPG  
 VWRWLPEGSAPKPSPLHCLSEALRGILPVRPLRFACVGGPSPSPGSSSSFSGSEGEDPRPEPDLWKPL  
 PQERDRLPSCPKPPVPLSPCPGGTPAGSSGGSPGEDPRRTEPRYCSGLGAGTAQDPCPVSQLEKPRVSEA  
 SRGLELGHGRPRVAAKTHERLLPQPPELPPSEPPPELPPPEAAPPVLPASSLQPPCHCGKPLQELHSL  
 GAALAEKLDRLATALAGLAQEVA TMRTQVNRLGRRPQGPMPGQASWMTLPRGPRWAHGPGRHLPYWR  
 QKGPTRPKPKILRGQGESCRAGDLQGLSRGTARRARPLPPDAPPAEPPGLHCSSSQLLSSTPSCHAAPP  
 AHPLLAHTGGHQSPPLVPAALPLQGASPPAASADADVPTSGVAPDGIPEPKPESSLLGGVQRALQEE  
 LWGGEHRDPRWGAH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_001290187

**ORF Size:** 3192 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](#)

<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001290187.1</a></u> , <u><a href="#">NP_001277116.1</a></u>
<b>RefSeq Size:</b>	3786 bp
<b>RefSeq ORF:</b>	3195 bp
<b>Locus ID:</b>	84626
<b>UniProt ID:</b>	<u><a href="#">A5PL33</a></u>
<b>Cytogenetics:</b>	7q36.1
<b>MW:</b>	112.2 kDa