

## Product datasheet for **RG239929**

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

#### Product data:

Product Type:	Expression Plasmids
Product Name:	KRBA1 (NM_001290187) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	KRBA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG239929 representing NM_001290187. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGCGCCAGGTGTCCATCACCTTCAAGGACTTGGCCGTGCGGTTCTCGGAGGAGGAGTGGCGGCTC
CTGGAGGAGGGGAGAGGGAGTTCTACCGAGACGTGATGCGGGGAGAACTACGAGACGCTGGTCTCTGTG
GGGACAGCTGAGCTGCTCCCCCTCTGCTTTCTGTCCACCTCAGAGCCTGGAAGAGCTGTTGGGGGA
GGGAGCCACGCTGATGAGGGGCAGGAGCCTGCTGGTTGTGGAGATCCCCAGGGGGGACAGCCCCGGCAC
AGCCTGCACCTCACAGCCCTGGTGCAGCTGGTGAAGGAGATCCCAGAGTCTTGTGGAGAAGTCAAG
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GCTGCGGCAAGAGAGCCCTGCCCTCTCCGAGCCCTGCTCAGCTGCCTTCCAGACGGCCCTACCAGCCAG
CCCCACCTGGCCACCACGCCACCGACAGCTCGTGTCCAGTGGCCCAACTGGTGACGGGTCCAGGGA
AGTCTCTCCCCATCAAACTGCCGACAAACCGTGGCCTACAAGGAAGGAAGGCCAGGAGCCCTGGGC
GGGAGGCCAGCCCTCCCACCCATAGCCCCAGCAGGAGGAAGAGCCACAGAGGACAGGAGAGGGACC
TCAGAGGCCGGAATTTCTCTGGAACAGCCCTTGAAGGCCTCATCACTGTCTGAAGAAATCCTT
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GGAAGCTCCCCACTGCAGGTCTGGAGAATTGTCTCAAGGAGATACCTGTGCCTGTGCTGCGCCTGCC
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TGGCCCTGCTCCTCAGCAGCAGACAGGGGACCGAGGAGAGCAGAGCCCAGGAACTGGACAGCAGACAAG  
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 AAAGACCTGGGGCCACCAGGCCAGGAGTGTGGAGGTGGCTCCCAGAGGGGTCTGCCCCAAAGCCCTCC  
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 CCGAGCAGCCTGCTGGGAGGAGTGCAGAGGGCCCTCCAGGAAGAACTGTGGGTGGGAGCACAGGGAC  
 CCGAGATGGGGGGCGCAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC

**Protein Sequence:**

>Peptide sequence encoded by RG239929  
 Blue=ORF Red=Cloning site Green=Tag(s)

MARQVITFKDLAVRFSEEEWRLLEEQREFYRDVMRENSETLVSVGTAEALLPLSAFLSPSEGRAVGG  
 GSHADEGQEPAGCGDPQGGQPRHSLHLTALVQLVKEIPEFLFGEVKGAMDSPESESARGASLDGERASPE  
 AAAREPCLRLGLLSCLPDGPTSQPHLATTPDSSCSSGPTGDGVQGSPLPIKTADKPWPTRKEGPGALG  
 GEPSPPTHSPSRKSHRQERGTSEAGISPGNSPLQGLINCLKEILVPGPRHPETSPSFLPPLPSLGTS  
 RLTRADLPGSPWPWVKTEAVSGDCPLQGLLHCLKELPEAQDRHSPSGVGNRRLQENPGAWKRGSGGP  
 GYLLTPPHPDLAGGLLSVKMENSQVSPGPASCQPGRQPLSPSATGDRGVPQPSWGPEAQAASAS  
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 WPCSSAADRGPRRAEPRNWTADKEGLRAEACESARLGQRGEAPTRSLHLVSPQVFTSSCVPAHQRF  
 KDPGATRPGVWRWLPESAPKPSPLHLESALRGILPVRPLRFACVGGPSPSPGSSSSFSGSEGEDP  
 RPEPDLWKPLPQERDRLPSCKPPVPLSPCPGGTPAGSSGGSPGEDPRRTEPRYCSGLGAGTAQDPCPVS  
 QLEKRPRVSEASRGLELGHGRPRVAAKTHERLLPQGPPELPESEPPPELPPPEAAPPVLPASSLQPPCH  
 CGKPLQQLHSLGAALAEKLDRLATALAGLAQEVATMRTQVNRLGRRPQGPMPGQASWMMWTLPRGPRW  
 AHGPGHRHLPYWRQKGPTRPKPKILRGQGESCRAGDLQGLSRGTARRARPLPPDAPPAEPPGLHCSSSQ  
 QLLSSTPSCHAAPPAHPLLAHTGGHQSPLPPLVPAALPLQGASPPAASADADVPTSGVAPDGIPEPKE  
 PSSLLGGVQRALQEELWGGEHRDPRWGAH

TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKALTFSPYLLSHV  
 MGYGFYHFGTYPSGYENPFLHAINNGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP  
 SVIFTDKIIRSNATVEHLHPMGDNDLDGFSFTRTFLRDGGYSSVVDSHMHFKSAIHPISILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**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](#)

**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).

**RefSeq:** [NM\\_001290187.1](#), [NP\\_001277116.1](#)

**RefSeq Size:** 3786 bp

**RefSeq ORF:** 3195 bp

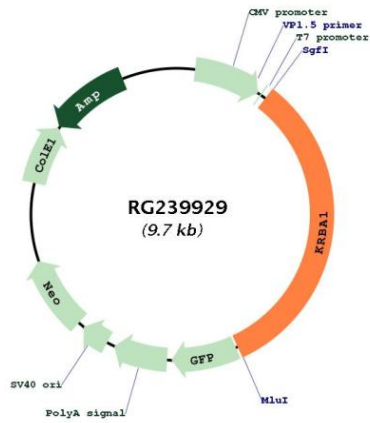
**Locus ID:** 84626

**UniProt ID:** [A5PL33](#)

**Cytogenetics:** 7q36.1

**MW:** 112.2 kDa

Product images:



Circular map for RG239929