OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC321746

RIMKLB (NM_020734) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RIMKLB (NM_020734) Human Untagged Clone
Tag:	Tag Free
Symbol:	RIMKLB
Synonyms:	FAM80B; NAAGS; NAAGS-I
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>OriGene sequence for NM_020734.1
CCACGCGTCCGATGGATTCGTGGGCTGCTTCCACCTGCTAGGAGGGTGGTGTACTCTAAC
TCAGGGACAGAAGCCCCTGTCTGTGCTCAGGACTCTTGCAGACCTCTTTACCTGGCTGTT
CATCTTCCATAATCAACTGGTAGACGTTACATCCAAGAGGAAATAATCCAGGCAAGGAAG
CACAAGCTGATCAAGATGTGTAGTTCTGTGGCTGCCAAGTTGTGGTTTTTGACAGATCGT
CGCATCAGGGAAGACTATCCTCAAAAAGAGATTTTACGAGCATTGAAGGCCAAATGTTGT
GAGGAGGAACTGGACTTTAGGGCTGTGGTGATGGATGAGGTGGTGCTGACAATCGAGCAA
GGAAACCTGGGTCTGCGGATCAATGGAGAGCTAATCACTGCCTACCCACAAGTGGTGGTA
GTCAGAGTACCAACCCCTTGGGTGCAAAGTGATAGTGACATCACTGTTTTGCGCCATCTA
GAGAAGATGGGATGTCGGTTAATGAACCGACCTCAAGCCATCCTGAACTGCGTTAATAAG
TTCTGGACATTTCAAGAGTTGGCTGGCCATGGTGTTCCTCTGCCGGATACTTTCTCTTAT
GGTGGCCACGAAAATTTTGCTAAAATGATTGATGAGGCTGAAGTTCTGGAGTTCCCAATG
GTAGTAAAGAATACGCGGGGTCACAGAGGTAAAGCTGTTTTCTTGGCTCGAGATAAGCAC
CATTTGGCTGATCTAAGCCATCTTATTCGCCATGAAGCGCCATACCTGTTCCAGAAGTAT
GTTAAAGAGTCTCATGGACGGGATGTACGTGTCATTGTCGTGGGAGGCCGTGTGGTTGGC
ACCATGTTACGTTGTTCAACAGATGGGAGAATGCAAAGCAACTGCTCATTAGGTGGTGTG
GGGATGATGTGCTCATTGAGTGAACAAGGGAAGCAGCTAGCTATCCAGGTGTCTAATATC
CTGGGGATGGATGTGTGTGGCATTGACCTGCTGATGAAAGATGACGGCTCCTTCTGCGTC
TGTGAGGCCAATGCAAATCCTTTTCAGGAGCCAAAAAAACAAATACAAACAAACAAAAAA
ATACCCAGAGAAAAAACTTTCCTTCTTCCCCCTTCCTGATGATGAGTGAGAAGTATTGAG
AACTTTCGGGGTCAGTGCCCTTCTAAACTCCCCTTCCCCCAATAATGCAGCTGTATAATG
AATGGTAAATGCACCGGTTTGGATTCAGGCACAGCCCCAGTCTGCCTACAGCAGACAACT
AAACTGGTAGGTGGCAGCAGAGGAAGGAATTCTTCAGATTGATGGCTACTGACTTAAAGT
CTGCATAGGAGAAGAGATAGAGCATGACATACCAAGTGAAGCAAGGGGGACAAAAATGGA
AACAGGACTAAGATTCCTGCATTTTGACTCTAAATGGTTCTTTTGAAGTAACCAGTGATC
TTTTTTGCTTACCCTCATCAACAGAATGGATGAAGATAGATTTGACTGTGTGCTTTTTCA
AGTGGAGAATATGAATATACAGAACAAGAAAGCAATAACTCCAACCTGTTTGATTCCGTC
TGTTTTCTAAATAAAGACACTATGCGCTGGAAATAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_020734

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.
RefSeq:	NM_020734.1, NP_065785.1
RefSeq Size:	1610 bp
RefSeq ORF:	924 bp
Locus ID:	57494
UniProt ID:	Q9ULI2
Cytogenetics:	12p13.31
Gene Summary:	Catalyzes the synthesis of beta-citryl-L-glutamate and N-acetyl-L-aspartyl-L-glutamate. Beta-citryl-L-glutamate is synthesized more efficiently than N-acetyl-L-aspartyl-L-glutamate. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the functional protein. All of the protein-coding variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.