

Product datasheet for **SC335787**

RIMKLB (NM_001297776) Human Untagged Clone

Product data:

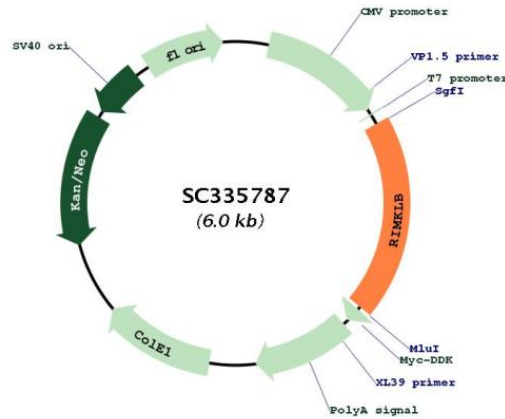
Product Type: Expression Plasmids
Product Name: RIMKLB (NM_001297776) Human Untagged Clone
Tag: Tag Free
Symbol: RIMKLB
Synonyms: FAM80B; NAAGS; NAAGS-I
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC335787 representing NM_001297776.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTGTAGTTCTGTGGCTGCCAAGTTGTGGTTTTGACAGATCGTCGCATCAGGGAAGACTATCCTCAA
 AAAGAGATTTTACGAGCATTGAAGGCCAAATGTTGTGAGGAGGAAGTGGACTTTAGGGCTGTGGTATG
 GATGAGGTGGTGTGACAATCGAGCAAGGAAACCTGGGTCTGCGGATCAATGGAGAGCTAATCACTGCC
 TACCCACAAGTGGTGGTAGTCAGAGTACCAACCCCTGGGTGCAAAGTGATAGTGACATCACTGTTTTG
 CGCCATCTAGAGAAGATGGGATGTCGGTAAATGAACCGACCTCAAGCCATCCTGAACTGCGTTAATAAG
 TTCTGGACATTTCAAGAGTTGGCTGGCCATGGTGTTCCTCTGCCGATACTTTCTTATGGTGGCCAC
 GAAATTTTGGCTAAAATGATTGATGAGGCTGAAGTTCTGGAGTTCCCAATGGTAGTAAAGAATACGCGG
 GGTACAGAGGTAAGCTGTTTTCTGGCTCGAGATAAGCACCATTTGGCTGATCTAAGCCATCTTATT
 CGCCATGAAGCGCCATACCTGTTCCAGAAGTATGTTAAAGAGTCTCATGGACGGGATGTACGTGTCATT
 GTCGTGGGAGGCCGTGTGGTTGGCACCATGTTACGTTGTTCAACAGATGGGAGAAATGCAAAGCAACTGC
 TCATTAGGTGGTGTGGGGATGATGTGCTCATTGAGTGAACAAGGGAAGCAGCTAGCTATCCAGGTGTCT
 AATATCCTGGGGATGGATGTGTGTGGCATTGACCTGCTGATGAAAGATGACGGCTCCTTCTGCGTCTGT
 GAGGCCAATGCAAATGTAGTTTTATCGCCTTTGATAAGGCTTGAATCTAGATGTAGCTGGTATCATA
 GCAGACTATGCCGCCTCCCTTACCCTCTGGCCGGCTCACCCGGCGTATGTCCTGCTCTCCGTGGTG
 TCCACTGCCAGTGAGACTAGTGAGCCGGAGCTGGGTCCCCAGCCAGCACTGCTGTTGACAACATGAGT
 GCAAGTCCAGCTCTGTTGACAGCGACCCTGAAAGCACGGAGCGAGAGCTGCTACCAAGCTCCCAGGG
 GCCTGTTCAACATGAACCAGCTGCTAGCCAATGAAATCAAACACTACTGGTGGACTGA

Restriction Sites: Sgfl-Mlul



[View online »](#)

Plasmid Map:


ACCN: NM_001297776

Insert Size: 1161 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_001297776.1](#)

RefSeq Size: 5037 bp

RefSeq ORF: 1161 bp

Locus ID: 57494

UniProt ID: [Q9ULI2](#)

Cytogenetics: 12p13.31

MW: 42.5 kDa

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 (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 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.