

Product datasheet for **MC204311**

Lime1 (NM_023684) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lime1 (NM_023684) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lime1
Synonyms: 2810038K19Rik; LIME
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC023065
 GTCCGCTCCAGTTATACACCCTTGTTTCAGTTGAGGTCATAGCTACCCTGGCCATGCTCCTCTATCTCCAT
 CTCCATTCTGTAACTAACAGGGATAGGCAGAGCACTTCTTACCAGGAACCCTAGCTAGAGAGGGAAAG
 GTGGGTCCCCCTAGAGCACGGCAAAAATGCAAGGCTTGGGGTTTCCGGTGTGCTGAGTCAACCAGGGAG
 AAGGAACCCACTAGTGGGCAAGATCTGCAAGTAGGCTGCAGCTGTACACTGCTCTCGCAGCCAGCCCCA
 GTGCTCATCTTCTGTCCCCAGGGCTCTCTCCCTGTTTACAGGATGAGGCCACCAAGTGCCTTACGCC
 CCACTAGCTCTGTGGTCTGGGCTGCTTCTCCCTGCTCCTTTGGCTATGGGCACTGTGCACAGCCTGCC
 ACAGGAAGAGAGCTCAGAGGCAGCAAAGTGGGCTGCAGGACAGTTTGGTACCAGTGGAAATGCCACTGCT
 GAGACAGACCCACCTCTGCTCCCTCAGCAAGTCTGACACCAGACTGCATGAGCTGCACCGAGGCCACGC
 TCCAGCATAGCCCACGGCCTGTAGCATGGATCTTCTGCATCCACGCTGGCTAGAGATGCCAGGGGCA
 GCACCAGGTCTCAGGTACCCAAGTCTGCCTTCCCACCACGGCAGCTGCCAGGGCCCTCCTGCTGCTCC
 TGCAACTGCACCTTCTACTAGCTCTGAGGCCACTTATTCCAATGTGGGGCTGGCTGCAATCCCAGGGCC
 AGCCTGGCTGCTAGCCCTGTGGTGTGGGCTGGAACACAGCTGACCATTAGTTGTGCCAGGCTTGGTCTG
 GGGCCGAATATGCCTGCATCCAGAAGCACAAGGGACAGAGCAAGGCTGCCAAGAATTGCAGCAGAAGGC
 TAAGGTGATCCCAGCTACTCAGATGGACGTCCTATACTCTAGGGTTTGAAGCCTAAAAGAAGAGACCCA
 AGACCCGTCACAGACCAGCTGAACCTGCAGGATGGGAGAACAAGTCTGCCGCTTGGGAGTGTGGAGT
 ACGAGGCCATCAATCTCAGGGGCCAGGATATGAAGCAAGGGCCCTTAGAAAATGTGTATGAAAGCATCAA
 GGAGATGGGCCTGTGAGCAGCTCAGGCCCTTACATCCTGTCTTTAACATGAGTTAGGAAGAGTACCAAGGC
 TTCTGCTTCAGGATGGTTTGATTGCAGATCCTTCTGTGTCCTTCCACCTCCACAGCTGGCAGCACAGCTA
 TCAGGGCCAGTCTTGGGCCTAATTAACCTCTGTTCAATAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_023684
Insert Size: 810 bp



[View online »](#)

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:	<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:	BC023065 , AAH23065
RefSeq Size:	1317 bp
RefSeq ORF:	810 bp
Locus ID:	72699
UniProt ID:	Q9EQR5
Cytogenetics:	2 H4
Gene Summary:	Involved in BCR (B-cell antigen receptor)-mediated signaling in B-cells and TCR (T-cell antigen receptor)-mediated T-cell signaling in T-cells. In absence of TCR signaling, may be involved in CD4-mediated inhibition of T-cell activation. Couples activation of these receptors and their associated kinases with distal intracellular events such as calcium mobilization or MAPK activation through the recruitment of PLCG2, GRB2, GRAP2, and other signaling molecules. [UniProtKB/Swiss-Prot Function]