

Product datasheet for **RR201000**

Klrg1 (NM_031649) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klrg1 (NM_031649) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Klrg1
Synonyms: MAFA
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR201000 representing NM_031649
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCGACAACCTCTACTCAACATTAGAGCTGCCTGCTGCACCTCGAGTCCAAGATGACTCCAGAT
GGAAGGTCAAAGCTGTCTTACACCGACCCTGTGTTTCTACCTTGTGATGGTGGCTTTGGGGCTTTTGAC
TGTGATTCTCATGAGTCTACTGTTGTACCAACGGACTCTGTGCTGTGGCTCAAGGGCTTTATGTGTCC
CAGTGCTCCAGGTGCCCAACCTCTGGATGAGGAACGGGAGCCACTGTTACTACTTCTCAATGGAGAAAA
GGGACTGGAACCTAGTCTGAAGTTCTGTGCAGACAAAGGCTCGCATCTCCTTACATTTCCGGACAACCA
GGGAGTGAACCTGTTCCAGGAGTATGTGGGCGAGGACTTTACTGGATTGGCTTGAGGGACATCGATGGC
TGGAGGTGGGAAGATGGCCAGCTCTCAGCTTAAGCATTCTCTAACAGCGTGGTACAGAAGTGTGGCA
CCATCCACAGGTGTGGCTCCACGCCTCCAGTTGTGAGTTGCTTGCAGTGGATCTGTGAGAAGGTCT
GCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR201000 representing NM_031649
Red=Cloning site Green=Tags(s)

MADNSIYSTLELPAAPRVQDDSRWKVKAVLHRPCVSYLVMVALGLLTVILMSLLLQRTLCCGSKGFMCS
QCSRPCNLWMRNGSHCYF SMEKRDWNSSLKFCADKGSLLLTFPDNQGVNLFQEYVGEDFYWIGLRDIDG
WRWEDGPALSLSILSNSVVQKCGTIHRCGLHASSCEVALQWICEKVLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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_031649.2](#), [NP_113837.1](#)

RefSeq Size: 567 bp

RefSeq ORF: 567 bp

Locus ID: 58975

UniProt ID: [Q64335](#)

Cytogenetics: 4q42

MW: 21.4 kDa

Gene Summary: a membrane glycoprotein that interferes with the coupling cascade of the type 1 Fc epsilon receptor induced mast cell secretory response [RGD, Feb 2006]