

Product datasheet for **RN201000**

Klrg1 (NM_031649) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klrg1 (NM_031649) Rat Untagged Clone
Tag: Tag Free
Symbol: Klrg1
Synonyms: MAFA
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201000 representing NM_031649
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGACAACCTCTACTCAACATTAGAGCTGCCTGCTGCACCTCGAGTCCAAGATGACTCCAGAT
GGAAGGTCAAAGCTGTCTTACACCGACCCTGTGTTTCTACCTTGTGATGGTGGCTTTGGGGCTTTTGAC
TGTGATTCTCATGAGTCTACTGTTGTACCAACGGACTCTGTGCTGTGGCTCAAGGGCTTTATGTGTCC
CAGTGTCCAGGTGCCCAACCTCTGGATGAGGAACGGGAGCCACTGTTACTACTTCTCAATGGAGAAAA
GGGACTGGAACCTAGTCTGAAGTTCTGTGCAGACAAAGGCTCGCATCTCCTTACATTTCCGGACAACCA
GGGAGTGAACCTGTTCCAGGAGTATGTGGGCGAGGACTTTACTGGATTGGCTTGAGGGACATCGATGGC
TGGAGGTGGGAAGATGGCCAGCTCTCAGCTTAAGCATTCTCTAACAGCGTGGTACAGAAGTGTGGCA
CCATCCACAGGTGTGGCTCCACGCCTCCAGTTGTGAGTTGCTTGCAGTGGATCTGTGAGAAGGTCTT
GCC**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031649
Insert Size: 567 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:	<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:	<u>NM_031649.2</u> , <u>NP_113837.1</u>
RefSeq Size:	567 bp
RefSeq ORF:	567 bp
Locus ID:	58975
UniProt ID:	<u>Q64335</u>
Cytogenetics:	4q42
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]