

Product datasheet for **MG221547**

Klrc1 (NM_001136068) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klrc1 (NM_001136068) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Klrc1
Synonyms: CD159a; NKG2A; NKG2B
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG221547 representing NM_001136068
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTAATGAACGCGTCACCTATGCAGAACTGAAGGTGGCAAAGAAGTCAAGGAACCAGCACAGGAAAC
CAAGGGTCCCTCGCAGCTCCATTTTCAGTCATCGAGCAGGAAATCATCTATTCGGACTTCAGCTTTCAAAA
TCCTTCTCAGGAGCATCCCTGGATCTGCAGGAATTGCCCTGCAAAGGTTTTCCATCTCCTCCAGAGAAA
CTCATTGCTGGTACCCTGGCCTCATCTGTTTTGTCTTAATTGTCGCTGTGGTTGTAATTACTACAGTTG
CCACACCATATACCGAAGCAAAGGCACAGATCAATTCCTCAATGACTAGAACCCACAGAGATATAAACTA
CACTCTATCTTCAGCACAGCCTTGTCTCATTGTCCAAAGGAGTGGATATCATATTTCTACAATTGTTAT
TTCATTGGTATGGAGAGAAAATCTTGAATGACAGTTTGGTGTCTGCATTTCCAAAACTGTAGTCTGC
TTTACATAGATAGTGAAGAGGAGCAGGATTTTCTGCAATCTCTTCACTGATCTCATGGACTGGAATCCT
TCGGAAGGGCAGAGGTACGCCCTGGGTCTGAAAGAAGACTCAATTTTCAAACCAAGATAGCAGAGATT
CTCCATGATGAATGTAAGTGTCCATGATGTCAGCTTCTGGTCTCACAGCAGACAAGTGTACAACCTTAC
ATCCATATCTTTGTAAGTGTAAATTCCTCATC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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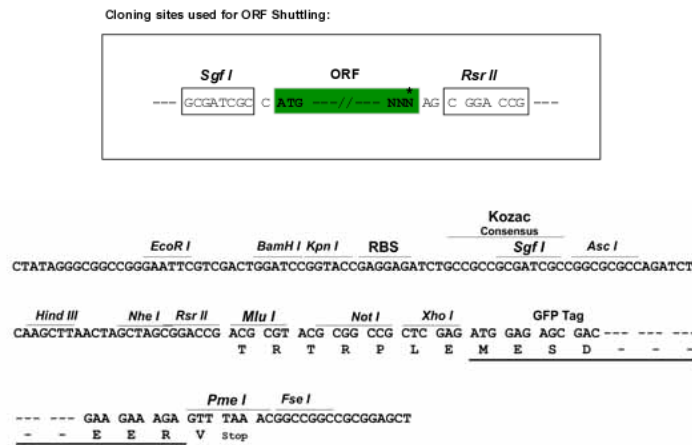
Protein Sequence: >MG221547 representing NM_001136068
 Red=Cloning site Green=Tags(s)

MSNERVYAE LK VAKNSRNQHRKPRGPRSSISVIEQEIIYSDFSFQNPSEQEHPWICRNCPCCKGFPSPEK
 LIAGTLGLICFVLIVAVVVITTVATPYTEAKAQINSSMTRTHRDINYLSSAQPCPHCPKEWISYSHNCY
 FIGMERKSWNDSLVSICSNCSLLYIDSEEEQDFLQSLISWTGILRKGRQPWWVKEDSIFKPKIAEI
 LHDECNCAMMSASGLTADNCTTLHPYLCKCKFP I

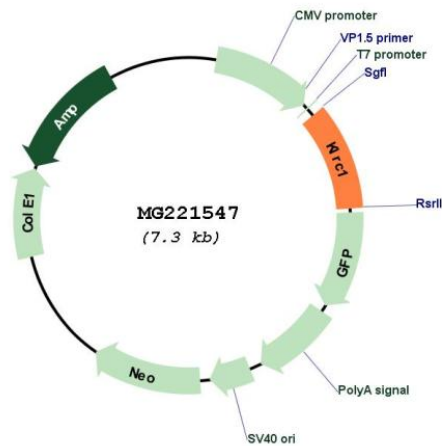
SGPTRRRLE - GFP Tag - V

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001136068

ORF Size: 732 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001136068.2 , NP_001129540.1
RefSeq Size:	735 bp
RefSeq ORF:	735 bp
Locus ID:	16641
Cytogenetics:	6 F3