

Specifications:

Gene:	mKlrg1
Accession:	NP_058666
Insert size:	580bp
Concentration:	10µg at 0.2µg/µL

mKLRG1 cDNA Plasmid

**Klrg1 killer cell lectin-like
receptor subfamily G, member 1**
[*Mus musculus* (house mouse)]

Also known as: MAFA; 2F1-Ag;
MAFA-L

Summary:

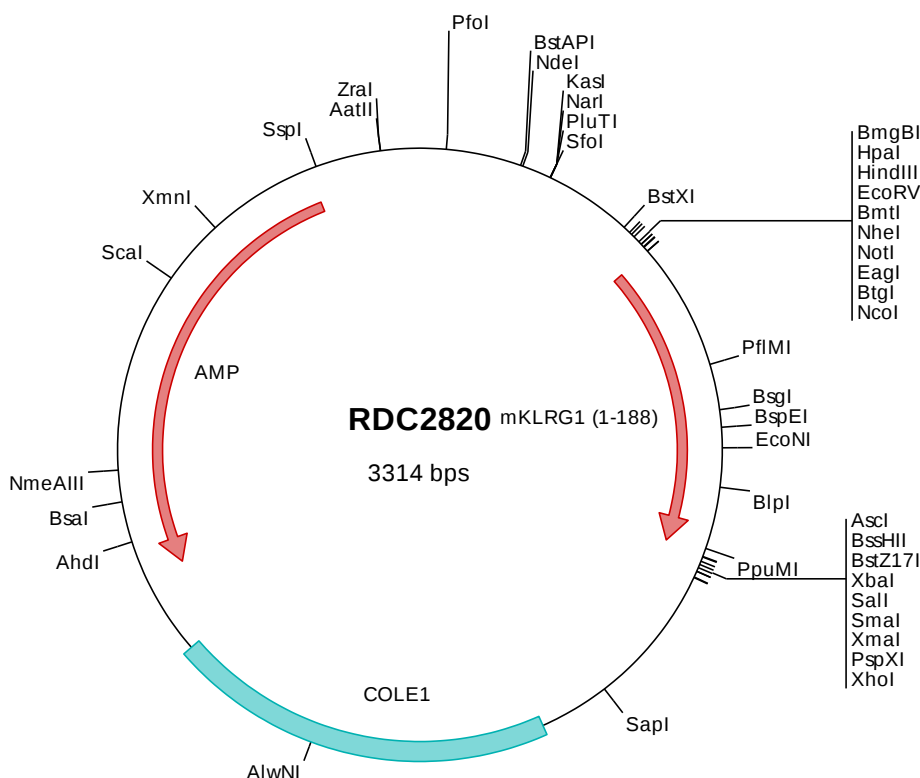
KLRG1 is a type II transmembrane inhibitory glycoprotein of the C-type lectin family. It binds E-, N- and R-cadherins and functions as an MHC-independent means of identifying non-self pathogens and epithelial tumor cells with low E-cadherin expression. KLRG1 is expressed as a monomer or disulfide-linked homodimer on NK and T cell subsets such as tumor-infiltrating lymphocytes.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



> RDC2820 Plasmid DNA Sequence

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1   tcgcgcgcttt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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> RDC2820 Translated Insert Sequence

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