

**Specifications:**

Gene:	<i>hKLRG1</i>
Accession:	Q96E93
Insert size:	600bp
Concentration:	10µg at 0.2µg/µL

**hKLRG1 cDNA  
Plasmid**

**KLRG1 killer cell lectin like  
receptor G1 [ *Homo  
sapiens* (human) ]**

**Also known as:** 2F1; MAFA; MAFA-L; CLEC15A; MAFA-2F1; MAFA-LIKE

**Summary:**

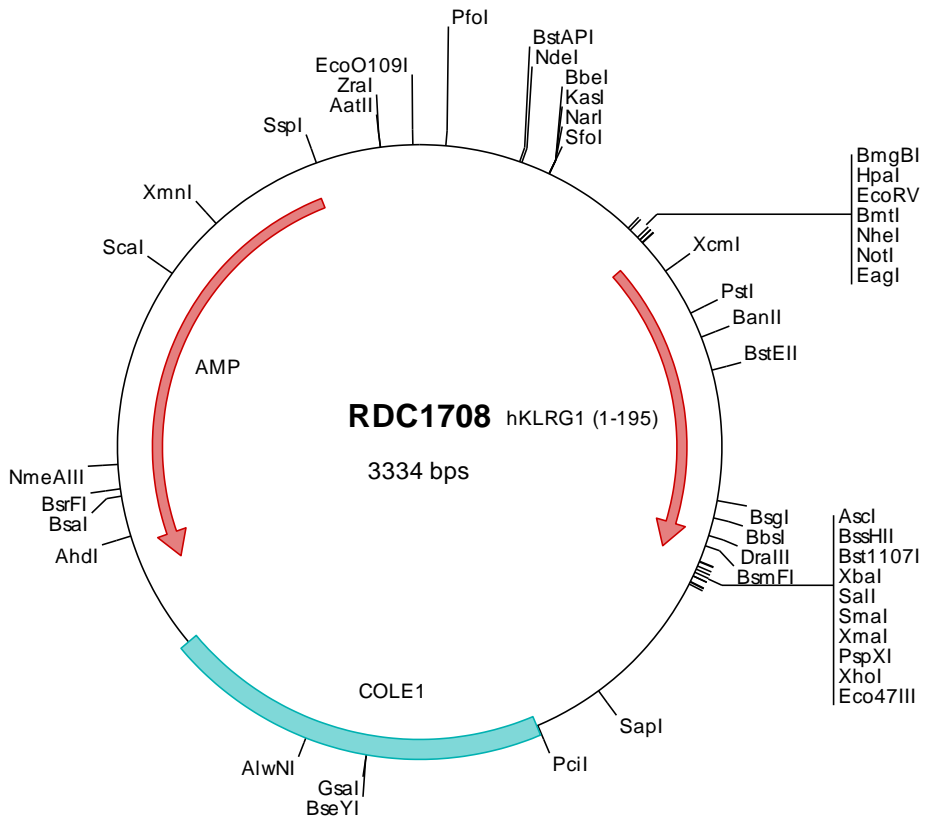
KLRG1 is a type II transmembrane inhibitory glycoprotein of the C-type lectin family. It binds E-, N- and R-cadherins and functions as an MHC-independent means of identifying non-self pathogens and epithelial tumor cells with low E-cadherin expression. KLRG1 is expressed as a monomer or disulfide-linked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

**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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1708 Plasmid DNA Sequence

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> RDC1708 Translated Insert Sequence

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