

Product datasheet for **RC219705L4V**

KLRG1 (NM_005810) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KLRG1 (NM_005810) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KLRG1
Synonyms:	2F1; CLEC15A; MAFA; MAFA-2F1; MAFA-L; MAFA-LIKE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005810
ORF Size:	567 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219705).
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.
RefSeq:	NM_005810.3
RefSeq Size:	1815 bp
RefSeq ORF:	570 bp
Locus ID:	10219
UniProt ID:	Q96E93
Cytogenetics:	12p13.31
Protein Families:	Transmembrane
MW:	21 kDa


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Gene Summary:

Natural killer (NK) cells are lymphocytes that can mediate lysis of certain tumor cells and virus-infected cells without previous activation. They can also regulate specific humoral and cell-mediated immunity. The protein encoded by this gene belongs to the killer cell lectin-like receptor (KLR) family, which is a group of transmembrane proteins preferentially expressed in NK cells. Studies in mice suggested that the expression of this gene may be regulated by MHC class I molecules. [provided by RefSeq, Jun 2016]