Recombinant Human KLRG1, His-tagged

Cat. No. KLRG1-7104H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human KLRG1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	60-189aa
Description	KLRG1 belongs to the killer cell lectin-like receptor (KLR) family, which is a group of transmembrane proteins preferentially expressed in NK cells. 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. Cell surface expression of KLRG1 is up-regulated by expression of MHC class I molecules.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Molecular Mass	17kDa (153aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSLCQGSNY STCASCPSCP DRWMKYGNHC YYFSVEEKDW NSSLEFCLAR DSHLLVITDN QEMSLLQVFLSEAFCWIGLR NNSGWRWEDG SPLNFSRISS NSFVQTCGAI NKNGLQASSC EVPLHWVCKK VRL
Purity	>85% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml

GENE INFORMATION

Gene Name	KLRG1 killer cell lectin-like receptor subfamily G, member 1 [Homo sapiens]
Official Symbol	KLRG1
Synonyms	KLRG1; killer cell lectin-like receptor subfamily G, member 1; killer cell lectin-like receptor subfamily G member 1; 2F1; C type lectin domain family 15; member A; CLEC15A; MAFA; MAFA L; MAFA-like receptor; ITIM-containing receptor MAFA-L; C-type lectin domain family 15 member A; C-type lectin domain family 15, member A; mast cell function-associated antigen (ITIM-containing); MAFA-L; MAFA-2F1; MAFA-LIKE; MGC13600;
Gene ID	10219
mRNA Refseq	NM_005810
Protein Refseq	NP_005801
MIM	604874
UniProt ID	Q96E93
Chromosome	12p13.31

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Location	
Pathway	Adaptive Immune System, organism-specific biosystem; Immune System, organism-specific biosystem; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell, organism-specific biosystem;
Function	binding; receptor activity; sugar binding;

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