Active Recombinant Human KLRG1 protein, His-tagged

Cat. No. KLRG1-0321H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLRG1 protein(Leu60-Phe195), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	60-195 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Human KLRG1, His Tag immobilized on CM5 Chip can bind Human E-Cadherin, Fc Tag with an affinity constant of 2.42 μM as determined in a SPR assay (Biacore 8K).
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus.The protein has a calculated MW of 17.4 kDa. The protein migrates as 30-42 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Leu60-Phe195
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

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