

# Recombinant Human KLRG1 protein, hFc-tagged

**Cat. No.** KLRG1-6854H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KLRG1 protein(Q96E93-1)(Leu60-Phe195), fused with N-terminal hFc tag, was expressed in HEK293.                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Leu60-Phe195                                                                                                                                                                            |
| <b>Tag</b>              | N-hFc                                                                                                                                                                                   |
| <b>Form</b>             | Supplied as 0.22µm filtered solution in PBS (pH 7.4).                                                                                                                                   |
| <b>Bio-activity</b>     | Immobilized Human KLRG1, hFc Tag at 1ug/ml (100ul/Well) on the plate. Dose response curve for Biotinylated Anti-KLRG1 Antibody, hFc Tag with the EC50 of 24.9ng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 42.8 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Tris-Bis PAGE result.                                                      |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                                 |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC                                                                                                                        |
| <b>Storage</b>          | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot                                                                                                     |

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

**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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