

## Product Information

**MemDX™ Membrane Protein Human KLRG1 (Killer cell lectin like receptor G1) Expressed in *E.coli* with 6xHis and SUMO tag at the N-terminus for Antibody Discovery, Partial (60-195aa)**

Cat. No.: **MPX4542K**

This product is for research use only and is not intended for diagnostic use.

This product is a 31.5kDa Human KLRG1 membrane protein expressed in *E.coli*. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

KLRG1

#### Protein Length

Partial (60-195aa)

#### Protein Class

Receptor; Immunity

#### Molecular Weight

31.5kDa

#### TMD

1

#### Sequence

LCQGSNYSTCASCPCPDRWMKYGNHCYYFSVEEKDWNSSLEFCLARDSHLLVITDNQEMSLQVFLSEAFCWIGLRNNSGWRW

### Product Description

#### Expression Systems

*E.coli*

#### Tag

6xHis and SUMO tag at the N-terminus

#### Protein Format

Soluble

**Form**

Liquid or Lyophilized powder

**Purity**

>90% as determined by SDS-PAGE

**Buffer**

Tris-based buffer, 50% glycerol

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

KLRG1

**Full Name**

Killer cell lectin like receptor G1

**Introduction**

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.

**Alternative Names**

KLRG1; 2F1; MAFA; MAFA-L; CLEC15A; MAFA-2F1; MAFA-LIKE; killer cell lectin-like receptor subfamily G member 1; C-type lectin domain family 15 member A; ITIM-containing receptor MAFA-L; MAFA-like receptor; killer cell lectin-like receptor subfamily G, member 1; mast cell function-associated antigen (ITIM-containing); Killer cell lectin like receptor G1

**Gene ID**

[10219](#)

**UniProt ID**

[Q96E93](#)