

# KLRG1 (MAFA) recombinant protein

CatalogNo: YD3004

## Key Features

### Reactivity

- Human

## Recommended Dilution Ratios

## Storage

**Storage\*** -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

**Formulation** Phosphate-buffered solution

## Basic Information

**Source** Mammalian cells

**Purification** Mammalian cells

**Purity** >90% as determined by SDS-PAGE

## Immunogen Information

**Sequence** Amino acid:60-195,with human FC tag.

## Target Information

**Gene name** KLRG1

<b>Protein Name</b>	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) (Mast cell function-associated antigen)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">10219</a> ;	<a href="#">Q96E93</a> ;
<b>Cellular Localization</b>	Cell membrane ; Single-pass type II membrane protein .		
<b>Tissue specificity</b>	Expressed specifically on natural killer (NK) cells and T-cells, mainly CD8 T-cells.		
<b>Function</b>	Plays an inhibitory role on natural killer (NK) cells and T-cell functions upon binding to their non-MHC ligands. May mediate missing self recognition by binding to a highly conserved site on classical cadherins, enabling it to monitor expression of E-cadherin/CDH1, N-cadherin/CDH2 and R-cadherin/CDH4 on target cells.		

| Validation Data

| Contact information

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**KLRG1 (MAFA)**  
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