

KLRG1 (MAFA) recombinant protein

CatalogNo: YD3004

| Key Features

Reactivity

Human

Storage

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

Formulation Phosphate-buffered solution

Recommended Dilution Ratios

Basic Information

Source Mammalian cells

Purification Mammalian cells

Purity >90% as determined by SDS-PAGE

Immunogen Information

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

| Target Information

Gene name KLRG1

Protein Name

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)

Organism Gene ID UniProt ID

Human 10219; Q96E93;

Cellular Localization Cell membrane; Single-pass type II membrane protein.

Tissue specificity Expressed specifically on natural killer (NK) cells and T-cells, mainly CD8 T-cells.

Function 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

Orders: order.cn@immunoway.com Support: support.cn@immunoway.com

Telephone: 400-8787-807(China)

Website: http://www.immunoway.com.cn

Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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KLRG1 (MAFA)

recombinant protein

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