

KLRG1, human recombinant protein**Killer cell lectin-like receptor subfamily G member 1, 2F1, CLEC15A, MAFA, MAFA-2F1, MAFA-L, MAFA-LI****Catalog # PBV10979r****Specification**

KLRG1, human recombinant protein - Product info

Primary Accession	O96E93
Concentration	0.5
Calculated MW	17 kDa (153 aa, 60-189 aa + His Tag), confirmed by MALDI-TOF. KDa

KLRG1, human recombinant protein - Additional Info

Gene ID	10219
Gene Symbol	KLRG1
Other Names	
Killer cell lectin-like receptor subfamily G member 1, 2F1, CLEC15A, MAFA, MAFA-2F1, MAFA-L, MAFA-LIKE	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥85%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGSLCQGSNY STCASCPCP DRWMKYGNHC YYFSVEEKDW NSSLEFCLAR DSHLLVITDN QEMSLQVFL SEAFCWIGLR NNSGWRWEDG SPLNFSRISS NSFVQTCGAI NKNGLQASSC EVPLHWVCKK VRL

Target/Specificity

KLRG1

Format

Liquid

Storage

-80°C; 0.5 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.4 M Urea and 10% glycerol.

KLRG1, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KLRG1, human recombinant protein - Images

KLRG1, human recombinant protein - Background

KLRG1 belongs to the killer cell lectin-like receptor (KLR) family, which is a group of transmembrane proteins preferentially expressed in NK cells. 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. Cell surface expression of KLRG1 is up-regulated by expression of MHC class I molecules. Recombinant human KLRG1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

KLRG1, human recombinant protein - References

Lamers M.B.A.C., et al. Biochim. Biophys. Acta 1399:209-212(1998).
Butcher S., et al. Eur. J. Immunol. 28:3755-3762(1998).
Ota T., et al. Nat. Genet. 36:40-45(2004).
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