

**KLRG1, 60-189aa, Human, His tag, E.coli**

**Cat.NO.: TP02757**

3th Edition

**Synonyms:**Killer cell lectin-like receptor subfamily G member 1, 2F1, CLEC15A, MAFA, MAFA-2F1, MAFA-L, MAFA-LIKE

**Description:**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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**Molecular Weight:**17kDa (153aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSLCQGSNYSTCASCPCPDRWMKYGNHCYYFSVEEKDWNSSLEFCLARDS  
HLLVITDNQEMSLQVFLSEAFQWIGLRNNSGWRWEDGSPNFSRISNSFVQTCGAINKNGLQASSCEVPLHWV  
CKKVRL

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.