

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:

MGSSHHHHHHSSGLVPRGSHMGSLCQGSNYSTCASCPCPDRWMKYGNHCYYFSVEEKDWNSSLEFCLARDS
HLLVITDNQEMSLLQVFLSEAFQWIGLRNNSGWRWEDGSPLNFSRISSNSFVQTCGAINKNGLQASSCEVPLHWV
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.