Active Recombinant Mouse KLRG1 protein, His-tagged

Cat. No. KLRG1-0320M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse KLRG1 protein(Gln57-Tyr188), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	57-188 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Mouse KLRG1, His Tag immobilized on CM5 Chip can bind Human E-Cadherin, Fc Tag with an affinity constant of 0.699 μM as determined in a SPR assay (Biacore 8K).
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus.The protein has a calculated MW of 17.1 kDa. The protein migrates as 24-27 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gln57-Tyr188
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Klrg1 killer cell lectin-like receptor subfamily G, member 1 [Mus musculus]
Official Symbol	KLRG1
Synonyms	KLRG1; killer cell lectin-like receptor subfamily G, member 1; killer cell lectin-like receptor subfamily G member 1; mast cell function-associated antigen 2F1; MAFA; 2F1-Ag; MAFA-L; MGC123930;
Gene ID	50928
mRNA Refseq	NM_016970
Protein Refseq	NP_058666

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