

Recombinant Human KLRC1 protein, hFc-tagged

Cat. No. KLRC1-3365H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLRC1 protein(P26715-1)(Arg100-Ala219), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Arg100-Ala219
Tag	N-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human NKG2A, hFc Tag at 2µg/ml (100µl/Well) on Fc Antibody (2µg/ml) precoated plate. Dose response curve for Biotinylated Anti-NKG2A Antibody, hFc Tag with the EC50 of 37.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 41.1 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

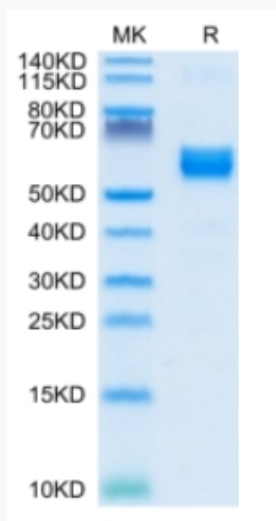
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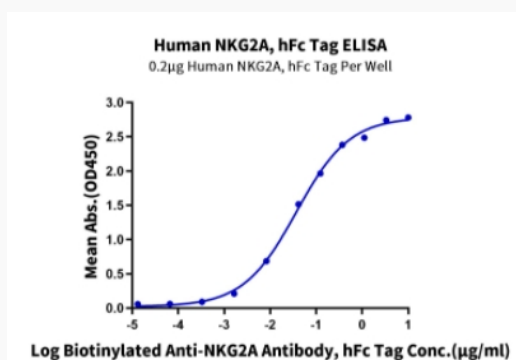
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	KLRC1 killer cell lectin-like receptor subfamily C, member 1 [Homo sapiens]
Official Symbol	KLRC1
Synonyms	KLRC1; killer cell lectin-like receptor subfamily C, member 1; NKG2; NKG2-A/NKG2-B type II integral membrane protein; CD159a; NKG2 1/B activating NK receptor; NKG2 A; NKG2 B; NK cell receptor A; C-lectin type II protein; natural killer cell lectin; natural killer group protein 2; NKG2-1/B activating NK receptor; NKG2-A/B-activating NK receptor; CD159 antigen-like family member A; NKG2-A/B type II integral membrane protein; NKG2A; CD159A; MGC13374; MGC59791;
Gene ID	3821
mRNA Refseq	NM_002259
Protein Refseq	NP_002250
MIM	161555
UniProt ID	P26715

Tris-Bis PAGE



ELISA Data



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