Recombinant Human KLRC1&KLRD1 protein, hFc-Flag-tagged

Cat. No. KLRC1&KLRD1-5635H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLRC1&KLRD1 protein(P26715-1(NKG2A)&Q13241-1(CD94))(Arg100-Ala219(NKG2A) & Ser34-Ile179(CD94)), fused with N-terminal hFc and Flag tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Arg100-Ala219(NKG2A) & Ser34-Ile179(CD94)
Tag	N-hFc-Flag
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human NKG2A&CD94, hFc tag at 2μg/ml (100μl/Well) on Fc Antibody (5μg/ml) precoated plate. Dose response curve for Biotinylated Anti-NKG2A Ab., hFc Tag with the EC50 of 15.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 17.9 kDa (CD94)&41.1 kDa (NKG2A). Due to glycosylation, the protein migrates to 50-70 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

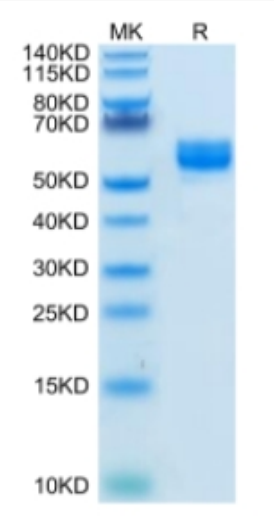
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GeneID 2	3824

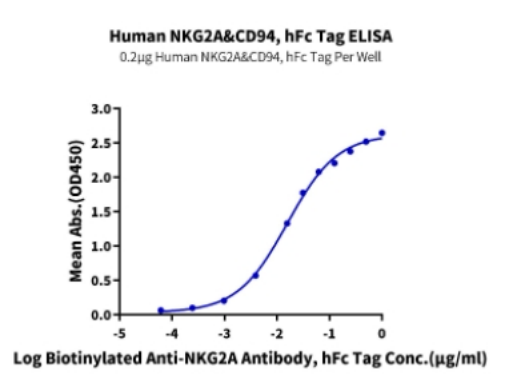
GENE INFORMATION

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

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Gene Name 2	KLRD1 killer cell lectin-like receptor subfamily D, member 1 [Homo sapiens]
Official Symbol 2	KLRD1
Synonyms 2	KLRD1; killer cell lectin-like receptor subfamily D, member 1; CD94; natural killer cells antigen CD94; KP43; CD94 antigen; NK cell receptor;
mRNA Refseq 2	NM_001114396
Protein Refseq 2	NP_001107868
MIM 2	602894
UniProt ID 2	Q13241
Tris-Bis PAGE	

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ELISA Data	

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