

Recombinant Human KLRC2&KLRD1 protein, His-Avi-tagged

Cat. No. KLRC2&KLRD1-241H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLRC2&KLRD1 protein(P26717(NKG2C)&Q13241-1(CD94))(Glu98-Leu231(NKG2C) & Ser34-Ile179(CD94)), fused with N-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu98-Leu231(NKG2C) & Ser34-Ile179(CD94)
Tag	N-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Human NKG2C&CD94, His Tag immobilized on CM5 Chip can bind Human HLA-E*01:03 Complex Tetramer, His Tag with an affinity constant of 1.65 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 15.3kDa (NKG2C)&17.9kDa (CD94). Due to glycosylation, the protein migrates to 30-50 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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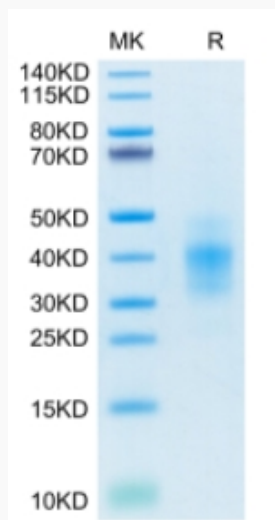
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GeneID 2	3824
GENE INFORMATION	
Gene Name	KLRC2 killer cell lectin-like receptor subfamily C, member 2 [Homo sapiens]
Official Symbol	KLRC2
Synonyms	KLRC2; killer cell lectin-like receptor subfamily C, member 2; NKG2-C type II integral membrane protein; CD159c; NKG2 C; NK cell receptor C; NKG2-C-activating NK receptor; CD159 antigen-like family member C; NKG2C; NKG2-C; MGC138244;
Gene ID	3822
mRNA Refseq	NM_002260
Protein Refseq	NP_002251
MIM	602891
UniProt ID	P26717
Gene Name 2	KLRD1 killer cell lectin-like receptor subfamily D, member 1 [Homo sapiens]
Official Symbol 2	KLRD1

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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


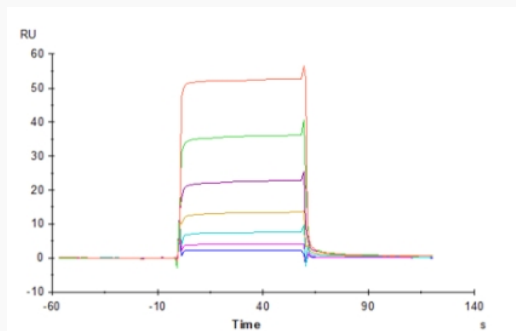
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SPR Data



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