

Recombinant Human KLRC1&KLRD1 protein, His-tagged

Cat. No. KLRC1&KLRD1-715H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NKG2A&CD94 heterodimer Protein is expressed from mammalian with a His &Tag at the N-terminal. It contains CD94(Ser34-Ile179)&NKG2A (Arg100-Leu233).
Species	Human
Source	HEK293
ProteinLength	CD94(Ser34-Ile179)&NKG2A (Arg100-Leu233)
Description	CD94/NKG2 is a family of C-type lectin receptors which are expressed predominantly on the surface of NK cells and a subset of CD8+ T-lymphocyte. These receptors stimulate or inhibit cytotoxic activity of NK cells, therefore they are divided into activating and inhibitory receptors according to their function. CD94/NKG2 recognize nonclassical MHC glycoproteins class I.
Form	Supplied as 0.22um filtered solution in 20mM PB, 150mM NaCl (pH 7.4).
Molecular Mass	The protein has a predicted MW of CD94 17.9kDa & NKG2A 17.4kDa. Due to glycosylation, the protein migrates to 33-48KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.5EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

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GENE INFORMATION

Gene Name KLRC1&KLRD1

Official Symbol KLRC1&KLRD1

Synonyms CD159 antigen-like family member A; CD159a antigen; CD159a; NKG2A; NKG2-A; NKG2-A/B type II integral membrane protein; NKG2-A/B-activating NK receptor; CD94 antigen; CD94; CD94natural killer cells antigen CD94; Killer cell lectin-like receptor subfamily D member 1; killer cell lectin-like receptor subfamily D, member 1; KLRD1; KP43; NK cell receptor

Gene ID 3821 & 3824

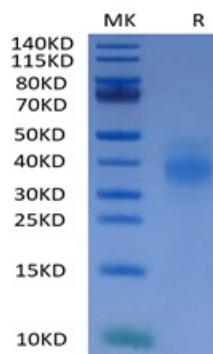
mRNA Refseq NM_001304448.1 & NM_001114396.3

Protein Refseq NP_001291377.1 & NP_001107868.2

MIM 161555 & 602894

UniProt ID P26715 & Q13241

**Tris-Bis PAGE of
KLRC1&KLRD1-715H**

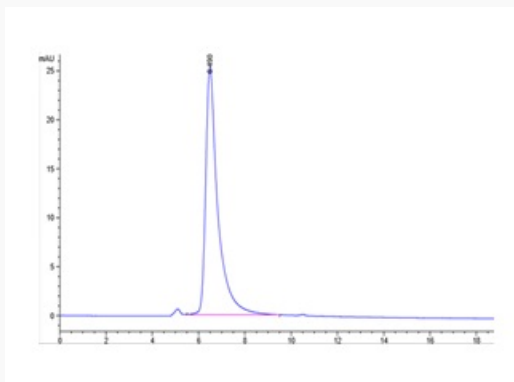


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**SEC-HPLC of
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