Recombinant Human KLRC2 and CD94 Protein, Glu98-Leu231 and Ser34-Ile179, N-His-Avi tagged, Biotinylated

Cat. No. KLRC2-194H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NKG2C and CD94-N-His-Avi protein was developed from HEK293 and has a target region of N-His-Avi.
Species	Human
Source	HEK293
ProteinLength	Glu98-Leu231 (NKG2C) and Ser34-Ile179 (CD94)
Description	Natural killer (NK) cells are lymphocytes that can mediate lysis of certain tumor cells and virus-infected cells without previous activation. They can also regulate specific humoral and cell-mediated immunity. NK cells preferentially express several calcium-dependent (C-type) lectins, which have been implicated in the regulation of NK cell function. The group, designated KLRC (NKG2) are expressed primarily in natural killer (NK) cells and encodes a family of transmembrane proteins characterized by a type II membrane orientation (extracellular C terminus) and the presence of a C-type lectin domain. The KLRC (NKG2) gene family is located within the NK complex, a region that contains several C-type lectin genes preferentially expressed on NK cells. KLRC2 alternative splice variants have been described but their full-length nature has not been determined.
Conjugation/Label	Biotin
Form	Lyophilised

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Endotoxin	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
Notes	FOR RESEARCH USE ONLY (RUO).
Storage	The lyophilized protein is stable for at least 1 year from date of receipt at -20 centigrade.
Storage Buffer	Lyophilised from 0.2 μm filtered PBS solution pH 7.4. Upon receipt centrifuge vial to ensure maximal product extraction, recommended: 20 sec, 5K RPM
Conjugation	Biotin

GENE INFORMATION

Gene Name	KLRC2 killer cell lectin-like receptor subfamily C, member 2 [Homo sapiens (human)]
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

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UniProt ID	P26717
Biotinylated Human NKG2C and CD94 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.	
The purity of Biotinylated Human NKG2C and CD94 is greater than 95% as determined by SEC-HPLC.	

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