

Recombinant Full Length Human KLRC2 Protein

Cat. No. KLRC2-5900HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KLRC2 full-length ORF (AAH93644.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	amino acids
Description	<p>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. [provided by RefSeq]</p>
Form	Liquid
Molecular Mass	26.1 kDa
AA Sequence	MSKQRGTFSEVSLAQDPKRQQRKPKGNKSSISGTEQEIFQVELNLQNPSLNHQGID

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KIYDCQGLLPPEKLTAEVLGIICIVLMATVLKTIVLIPFLEQNNSSPNTRTQKARHCGH
 CPEEWITYSNSCYIGKERRTWEESLLACTSKNSSLLSIDNEEEMKFLASILPSSWIG
 VFRNSSHHPWVTINGLAFKHKIKDSDNAELNCAVLQVNRLKSAQCGSSMIYHCKHKL

Applications	Antibody Production Functional Study Compound Screening
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

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UniProt ID

P26717

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