

## Recombinant Human KLRC2 Protein

Cat. No. KLRC2-4914H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human KLRC2 full-length ORF (AAH93644.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	<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>
<b>Form</b>	Liquid
<b>Molecular Mass</b>	26.1 kDa
<b>AA Sequence</b>	MSKQRGTFSEVSLAQDPKRQQRKPKGNKSSISGTEQEIFQVELNLQNPSLNHQGID KIYDCQGLLPPEKLTAEVLGIICIVLMATVLKTIVLIPFLEQNNSSPNTRTQKARHCGH CPEEWITYSNSCYIYGKERRTWEESLLACTSKNSSLLSIDNEEEMKFLASILPSSWIG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VFRNSSHHPWVTINGLAFKHKIKDSDNAELNCAVLQVNRLKSAQCGSSMIYHCKHKL

**Applications**  
 Antibody Production  
 Functional Study  
 Compound Screening

**Usage**  
 Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

**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

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<b>MIM</b>	602891
<b>UniProt ID</b>	P26717

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