

## Recombinant Human KLRC1 protein, hFc-tagged

**Cat. No.** KLRC1-298H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KLRC1 protein(NP_002250.1)(Pro94-Leu233), fused with hFc tag, was expressed in HEK293.                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 94-233 a.a.                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| <b>Molecular Mass</b>   | The recombinant human KLRC1 consists of 377 amino acids and predicts a molecular mass of 42.7 kDa. As a result of glycosylation, it migrates as an approximately 51.4 kDa in SDS-PAGE under reducing conditions.                                                                    |
| <b>Proteinlength</b>    | Pro94-Leu233                                                                                                                                                                                                                                                                        |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                                                            |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.                                                                                                                                                                                                  |

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** [KLRC1 killer cell lectin-like receptor subfamily C, member 1 \[ Homo sapiens \]](#)

**Official Symbol** [KLRC1](#)

**Synonyms**

KLRC1; killer cell lectin-like receptor subfamily C, member 1; NKG2; NKG2-A/NKG2-B type II integral membrane protein; CD159a; NKG2 1/B activating NK receptor; NKG2 A; NKG2 B; NK cell receptor A; C-lectin type II protein; natural killer cell lectin; natural killer group protein 2; NKG2-1/B activating NK receptor; NKG2-A/B-activating NK receptor; CD159 antigen-like family member A; NKG2-A/B type II integral membrane protein; NKG2A; CD159A; MGC13374; MGC59791;

**Gene ID** [3821](#)

**mRNA Refseq** [NM\\_002259](#)

**Protein Refseq** [NP\\_002250](#)

**MIM** [161555](#)

**UniProt ID** [P26715](#)

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