## PRODUCT INFORMATION

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|---|---|
| **Target** | NKG2C |
| **Synonyms** | KLRC2; CD159c; NKG2-C |
| **Description** | Recombinant human NKG2C Protein with N-terminal human Fc tag |
| **Delivery** | In Stock |
| **Uniprot ID** | P26717 |
| **Expression Host** | HEK293 |
| **Tag** | N-Human Fc tag |
| **Molecular Characterization** | hFc(Glu99-Ala330) NKG2C(Ile94-Leu231) |
| **Molecular Weight** | The protein has a predicted molecular mass of 42.0 kDa after removal of the signal peptide. |
| **Purity** | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| **Formulation & Reconstitution** | Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| **Storage & Shipping** | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| **Background** | 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, Jul 2008] |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |



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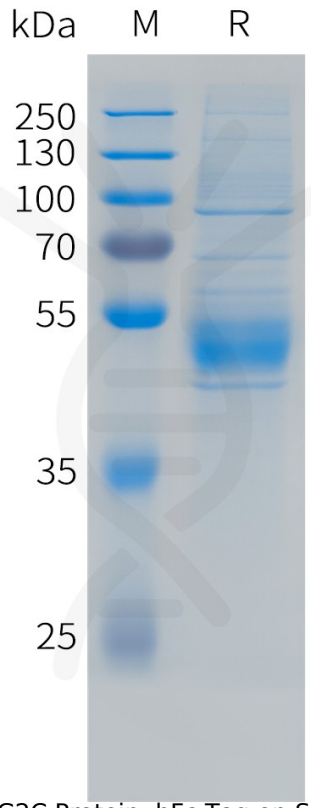


Figure 1. Human NKG2C Protein, hFc Tag on SDS-PAGE under reducing condition.



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