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# Recombinant Human NKG2C/KLRC2/CD159c Protein

**Catalog No.: RP02743** Recombinant

## Sequence Information

| Species | Gene ID | Swiss Prot |
|---|---|---|
| Human | 3822 | P26717 |

**Tags**
N-His&Avi

**Synonyms**
CD159c; KLRC2; NKG2C; NK cell receptor C

## Product Information

| Source | Purification |
|---|---|
| HEK293 cells | ≥ 95 % as determined by Tris-Bis PAGE. |

| Calculated MW | Observed MW |
|---|---|
| 15.3 kDa | 40-55 kDa |

**Endotoxin**
< 1 EU/μg of the protein by LAL method.

**Formulation**

**Reconstitution**
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact


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## Background

As a first line of defense, natural killer (NK) cells play a crucial role in the fight against infections.The presented study is the first of its kind that ascribes CD56dimCD16 NKG2C-expressing NK cells a crucial role in biasing adaptive immune responses upon influenza vaccination and suggests NKG2C as a potential biomarker in predicting pandemic influenza vaccine responsiveness.

## Basic Information

**Description**
Recombinant Human NKG2C/KLRC2/CD159c Protein is produced by Expi293 cells expression system. The target protein is expressed with sequence (Glu98-Leu231) of Human NKG2C (Accession #P26717) fused with His tag and Avi tag at the N-terminus.

**Bio-Activity**

**Shipping**
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

**Storage**
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

**Operational Notes**
For your safety and health, please wear a lab coat and disposable gloves for handling.

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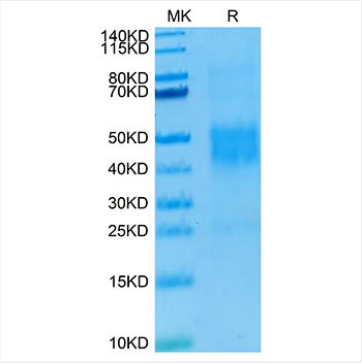
## Validation Data




Recombinant Human NKG2C/KLRC2/CD159c Protein was determined by Tris-Bis PAGE under reducing conditions.



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