

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

Less than 1EU per µg by the 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 stabilizer (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

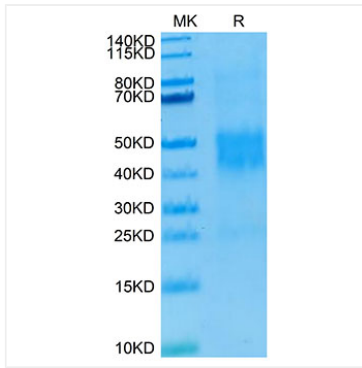
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Human NKG2C/CD159c on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.