

Recombinant Human NKG2C/KLRC2/CD159c Protein

Catalog No.: RP02743

Sequence Information

Species	Gene ID
Human	3822
Swiss Prot	Tags
P26717	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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

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

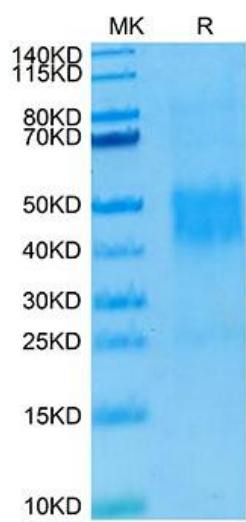
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Validation Data



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