

Biotinylated Recombinant Human NKG2-2A /KLRC1/CD159a Protein

Catalog No.: RP02454B

Sequence Information

Species	Gene ID
Human	3821
Swiss Prot	Tags
P26715	N-His&Avi

Synonyms

KLRC1,CD159A,NKG2,NKG2A

Product Information

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

Calculated MW Observed MW

18.3 kDa 40-50 kDa

Endotoxin

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

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

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

NKG2, also known as NKG2A(CD159A), is a member of the killer cell lectin-like receptor family. NKG2A marks a unique immune effector subset preferentially co-expressing the tissue-resident CD103 molecule, but not immune checkpoint inhibitors. It is expressed only in NK-cells, but not in T-cells or B-cells.

Basic Information

Description

Biotinylated Recombinant Human NKG2-2A/KLRC1/CD159a Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Arg100-Leu233) of Human NKG2-2A fused with a His tag and Avi tag at the N-terminal.

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

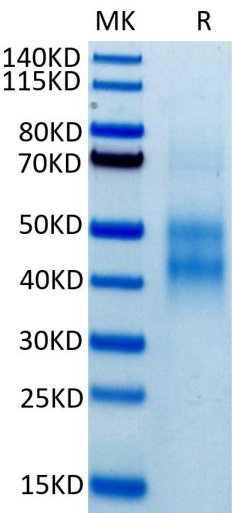
Operational Notes

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

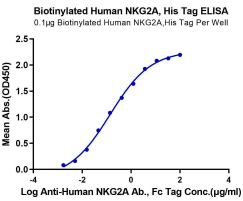
Contact

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Validation Data



Biotinylated Recombinant Human NKG2-2A/KLRC1/CD159a Protein was determined by Tris-Bis PAGE under reducing conditions.



Immobilized Biotinylated Human NKG2A / CD159a,His Tag at 1µg/ml (100 µl/well) on streptavidin precoated (5µg/well) plate, can bind NKG2A Ab.,with the EC₅₀ of 0.14 µg/ml determined by ELISA.