

Catalog No.: RP02454B **Recombinant**

Species	Gene ID	Swiss Prot
Human	3821	P26715

Synonyms

KLRC1:CD159A:NKG2:NKG2A

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 μ m 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.


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.

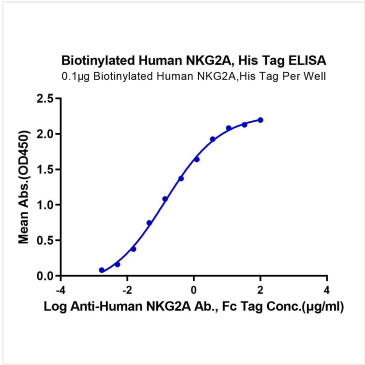
Description
Biotinylated Recombinant Human NKG2-2A/KLRC1/CD159a Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Arg100-Leu233) of Human NKG2-2A fused with a His tag and Avi tag at the N-terminal.

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.

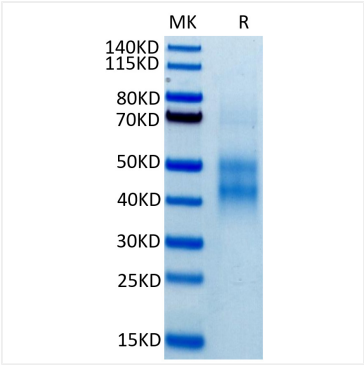
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Immobilized Biotinylated Human NKG2A / CD159a,His Tag at 1µg/ml (100 µl/well) on streptavidin precoated (5µg/well) plate, can bind NKG2A Ab.,with the EC₅₀ of 0.14µg/ml determined by ELISA.



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