

Recombinant Cynomolgus NKG2A&KLRD1 /CD159a&CD94 Protein

Catalog No.: RP02713

Sequence Information

Species Gene ID

Cynomolgus

Swiss Prot Tags

Q68VD2(NKG2A) C-His&Flag
&Q68VD4(CD94)

Synonyms

CD159a; NKG2A; NKG2-A; CD94;
NKG2A&CD94

Product Information

Source Purification

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

Calculated MW Observed MW

17.01 kDa 25-35 kDa
(NKG2A), 18.27
kDa(CD94)

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

The ligand-receptor assignment between HLA-G and NKG2A/CD94 is dependent of the amino acid composition in the HLA-G heavy chain. Understanding the biophysical basis of receptor-mediated events that lead to NK cell inhibition would help to remove non-tumor reactive cells and support personalized mild autologous NK cell therapies.

Basic Information

Description

Recombinant Cynomolgus NKG2A&KLRD1/CD159a&CD94 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Pro94-Leu233)&(Lys32-Ile179) of Cynomolgus NKG2A&KLRD1/CD159a&CD94 (Accession #) fused with His tag and Flag tag at the C-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.

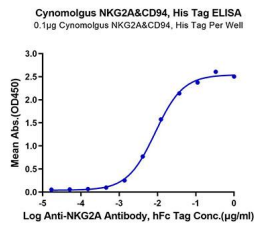
Contact

☎ | 400-999-6126

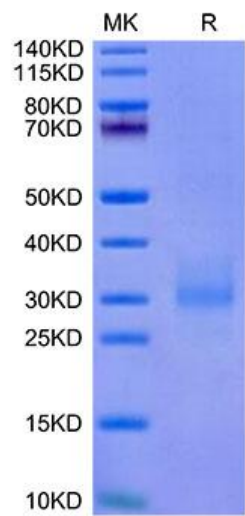
✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Validation Data



Immobilized Cynomolgus NKG2A&CD94, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-NKG2A Antibody, hFc Tag with the EC₅₀ of 8.7g/ml determined by ELISA.



Recombinant Cynomolgus NKG2A&KLRD1/CD159a&CD94 Protein was determined by Tris-Bis PAGE under reducing conditions.