

Recombinant Human NKG2A&KLRD1/CD159a&CD94 Protein

Catalog No.: RP02453 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	3821&3824	P26715&Q13241

Tags

N-His&Avi

Synonyms

NKG2C&CD94

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC

Calculated MW Observed MW

15.3kDa (NKG2C), 30-50 kDa
17.9kDa (CD94)

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.

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Background

Basic Information

Description

Recombinant Human NKG2A&KLRD1/CD159a&CD94 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu98-Leu231)&(Ser34-Ile179) of Human NKG2A&KLRD1/CD159a&CD94 (Accession #) fused with His tag and Avi tag at the N-terminal.

Bio-Activity

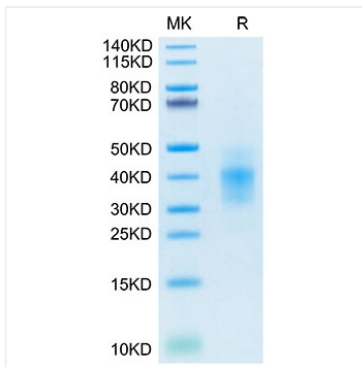
Storage

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

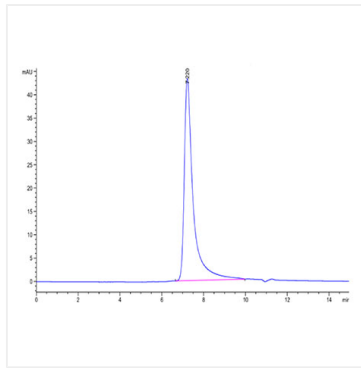
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

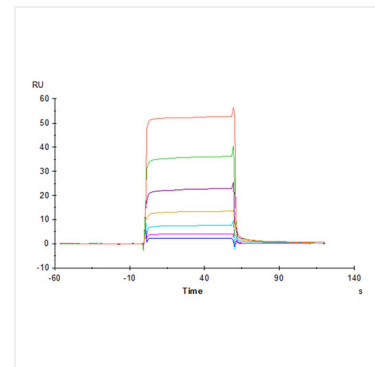
Validation Data



Human NKG2C&CD94 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.



The purity of Human NKG2C&CD94 is greater than 95% as determined by SEC-HPLC.



Human NKG2C&CD94, His Tag immobilized on CM5 Chip can bind Human HLA-E*01:03 Complex Tetramer, His Tag with an affinity constant of 1.65 μ M as determined in SPR assay (Biacore T200).