

Recombinant Cynomolgus NKp46/NCR1/CD335 Protein

Catalog No.: RP02642 Recombinant

Sequence Information

Species Gene ID Swiss ProtCynomolgus 102115479 Q95JB9

Tags

C-His

Synonyms

CD335; Ly94; NCR1; NKp46; MAR-1; NKP46FLJ99094

Product Information

Source Purification HEK293 cells ≥ 95 % as

≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW Observed MW

27.4 kDa 35-45 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

NKp46, along with NKp30 and NKp44, are activating receptors that have been collectively termed the natural cytotoxicity receptors (NCR). These receptors lack significant sequence homology to one another. They are expressed almost exclusively by NK cells and play a major role in triggering some of the key lytic activities of NK cells.

Basic Information

Description

Recombinant Cynomolgus NKp46/NCR1/CD335 Protein is expressed from Expi293 with His tag at the C-terminal. ☐ It contains Ala22-Asn254.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

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

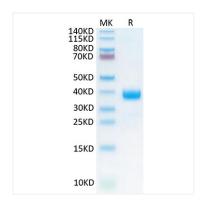
After reconstitution, the protein solution is stable at -20 $^{\circ}$ C for 3 months, at 2-8 $^{\circ}$ C for up to 1 week.

Avoid repeated freeze/thaw cycles.

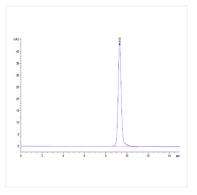
Operational Notes

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

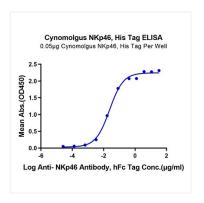
Validation Data



Recombinant Cynomolgus NKp46/NCR1/CD335 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Cynomolgus NKp46 is greater than 95% as determined by SEC-HPLC.



Immobilized Cynomolgus NKp46, His Tag at $0.5\mu g/ml$ (100 μ I/Well) on the plate. Dose response curve for Anti-NKp46 Antibody, hFc Tag with the EC_{s0} of 23.5ng/ml determined by ELISA.