Recombinant Human NKp46/NCR1/CD335 Protein

Catalog No.: RP02739

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Sequence Information

Species	Gene ID
Human	9437
Swiss Prot	**Tags**
AAH64806.1	N-His

Synonyms

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

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.
Calculated MW	**Observed MW**
27.5 kDa	38-48 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.

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 Human NKp46/NCR1/CD335 Protein is expressed from Expi293 with His tag at the N-terminal.; It contains Gln22-Asn254.

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℃

Operational Notes

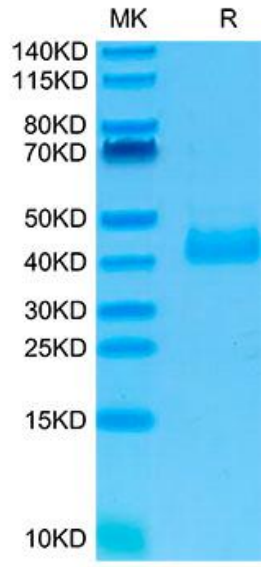
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

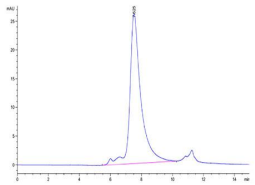
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

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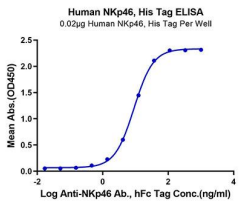
Validation Data



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



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



Immobilized Human NKp46, His Tag at 0.2μg/ml (100μl/Well). Dose response curve for Anti-NKp46 Ab., hFc Tag with the EC_{50} of 9ng/ml determined by ELISA.