

Recombinant Mouse Nkrp1c/NK1.1/CD161c Protein

Catalog No.: RP01978 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	17059	P27814

Tags

N-6HIS□AVI

Synonyms

Klrb1c; Ly55c; Nkrp1c; Killer cell lectin-like receptor subfamily B member 1C; CD161 antigen-like family member C; Lymphocyte antigen 55c; Ly-55c; NK1.1; NKR-P1.9; NKR-P1C; Natural killer cell surface protein P1-40; NKR-P1 40; CD161c

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
18.79 kDa	25-35 kDa

Endotoxin

< 0.01 EU/μg of the protein by LAL method

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial 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.

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

Background

Plays a stimulatory role on natural killer (NK) cells cytotoxicity. Activation by cross-linking of the receptor induces Ca²⁺ mobilization and interferon-gamma production.

Basic Information

Description

Recombinant Mouse Nkrp1c/NK1.1/CD161c Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln67-Ser223) of Mouse Nkrp1c/NK1.1/CD161c (Accession #NP_001153376.1) fused with HIS and AVI at the N-terminus.

Bio-Activity

Shipping

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

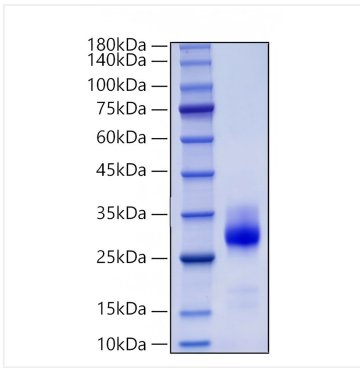
Storage

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°C for 3 months, at 2-8°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 Mouse Nkrp1c/NK1.1/CD161c Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.