

# Recombinant Mouse NKp46/NCR1/CD335 Protein

Catalog No.: RP01525 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	17086	Q8C567

### Tags

C-Rabbit Fc

### Synonyms

Ly94;NKp46;Ncr1

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW	Observed MW
52.78 kDa	70-80 kDa

### Endotoxin

<0.1EU/μg


### Formulation

Lyophilized from a 0.22 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

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## Background

NCR1, also known as NK-p46 and CD335, is a natural cytotoxicity receptor(NCR). NCRs are type I transmembrane proteins with 1-2 extracellular immunoglobulin domains, a transmembrane domain containing a positively charged amino acid residue, and a short cytoplasmic tail. All are expressed almost exclusively by NK cells and play a major role in triggering NK-mediated killing of most tumor cell lines. NKp46 has two extracellular Ig-like domains followed by a ~40 residue stalk region, a type I transmembrane domain, and a short cytoplasmic tail. NKp46 has been implicated in NK cell-mediated lysis of several autologous tumor cells, pathogen-infected cell lines, and mononuclear phagocytes infected with an intracellular bacterium.

## Basic Information

### Description

Recombinant Mouse NKp46/NCR1/CD335 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln17-Asn255) of mouse NCR1/CD335 (Accession #NP\_034876.2) fused with a raFc tag at the C-terminus.

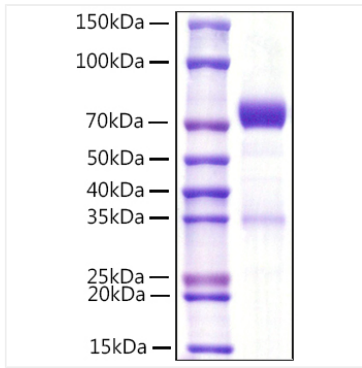
### Bio-Activity

### 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

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Recombinant Mouse NCR1/CD335 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at kDa.