

Datasheet for ABIN7275351  
**NCR1 Protein (AA 22-255) (Fc Tag)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	NCR1
Protein Characteristics:	AA 22-255
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NCR1 protein is labelled with Fc Tag.

## Product Details

Purpose:	Human NKp46/NCR1/CD335 Protein
Sequence:	Gln22-Asn255
Characteristics:	Recombinant Human NKp46/NCR1/CD335 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln22-Asn255.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human NKp46, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-Nkp46 Antibody, hFc Tag with the EC50 of 11.7ng/ml determined by ELISA. See testing image for detail.

## Target Details

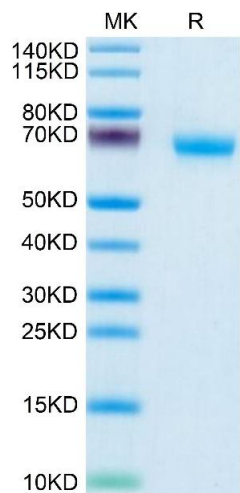
Target:	NCR1
Alternative Name:	NKp46 ( <a href="#">NCR1 Products</a> )
Background:	NKp46, along with NKp30 and NKp44, are activating receptors that have been collectively termed the natural cytotoxicity receptors (NCR). These receptors lack significant sequence homology to one another. They are expressed almost exclusively by NK cells and play a major role in triggering some of the key lytic activities of NK cells.
Molecular Weight:	53.2 kDa. Due to glycosylation, the protein migrates to 68-70 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

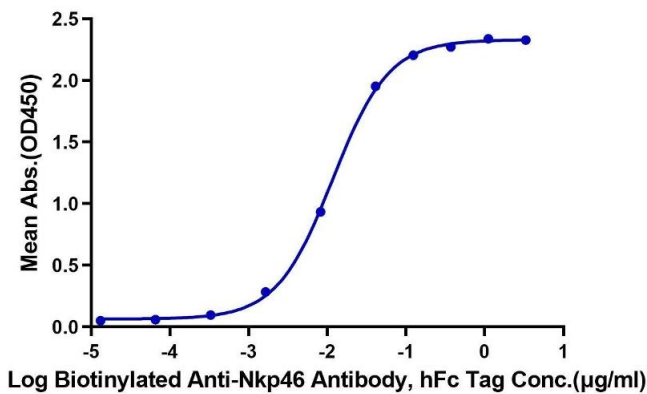
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

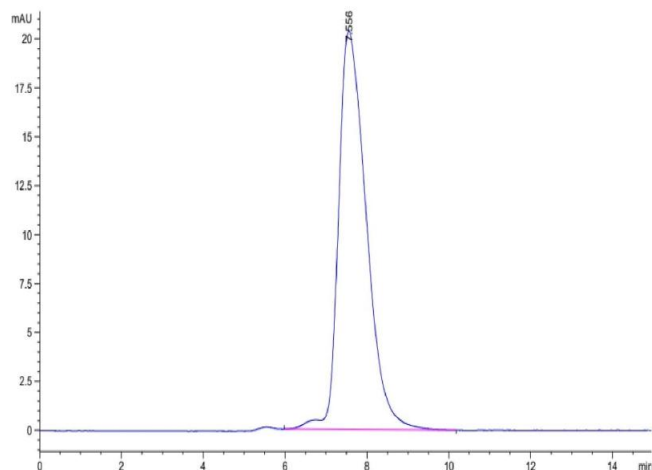
**Image 1.** Human NKp46 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

**Human NKp46, hFc Tag ELISA**  
0.05µg Human NKp46, hFc Tag Per Well



ELISA

**Image 2.** Immobilized Human NKp46, hFc Tag at 0.5 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Anti-Nkp46 Antibody, hFc Tag with the EC50 of 11.7 ng/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 3.** The purity of Human NKp46 is greater than 95 % as determined by SEC-HPLC.