

Datasheet for ABIN7275355

NCR1 Protein (AA 22-255) (His tag)**2** Images[Go to Product page](#)

Overview

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

Product Details

Purpose:	Mouse NKp46/NCR1/CD335 Protein
Sequence:	Glu22-Asn255
Characteristics:	Recombinant Mouse NKp46/NCR1/CD335 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Glu22-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.

Target Details

Target:	NCR1
Alternative Name:	NKp46 (NCR1 Products)

Target Details

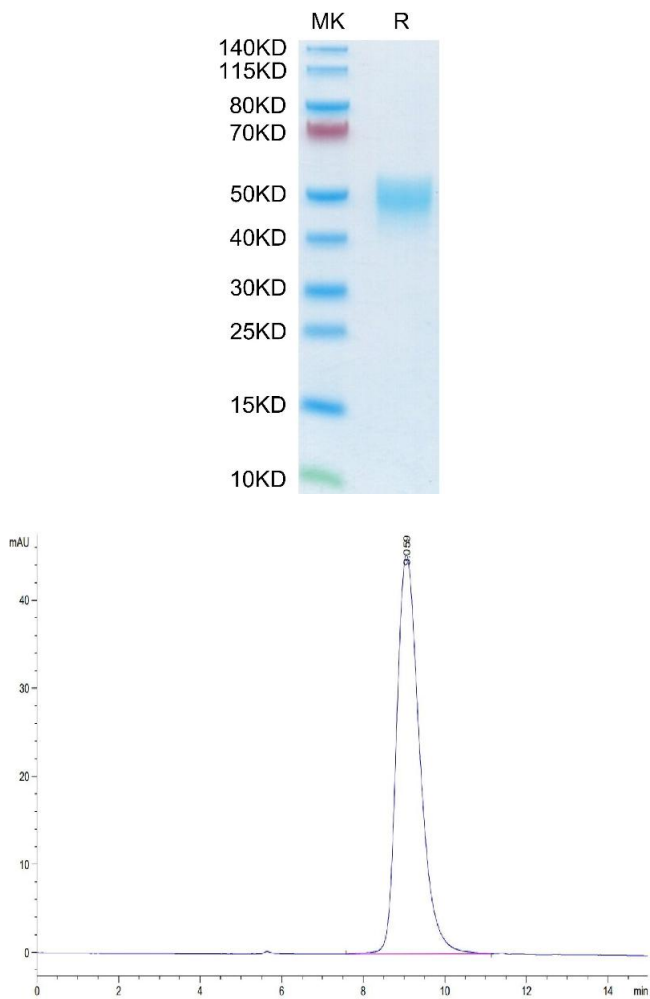
Background:	NKp46, along with NKp30 and NKp44, are activating receptors that have been collectively termed the natural cytotoxicity receptors (NCR). These receptors lack significant sequence homology to one another. They are expressed almost exclusively by NK cells and play a major role in triggering some of the key lytic activities of NK cells.
Molecular Weight:	27.7 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Tris-Bis PAGE result.
UniProt:	Q8C567
Pathways:	Regulation of Leukocyte Mediated Immunity

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. Mouse NKp46 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse NKp46 is greater than 95 % as determined by SEC-HPLC.