

# Mouse NKp46/NCR1/CD335 Protein, Ultra Low Endotoxin



Cat. No. NKP-MM146-UL

## Description

<b>Source</b>	Recombinant Mouse NKp46/NCR1/CD335 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Glu22-Asn255.
<b>Accession</b>	Q8C567
<b>Molecular Weight</b>	The protein has a predicted MW of 27.7 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 0.01 EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

## Formulation and Storage

<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-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.

## Assay Data

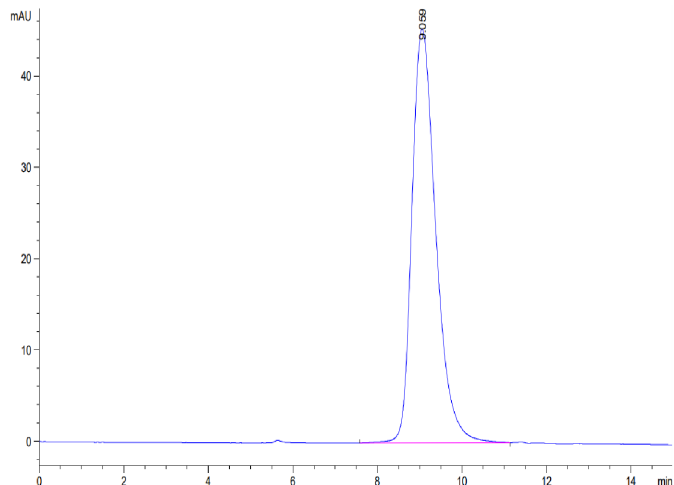
### Bis-Tris PAGE



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

### SEC-HPLC

Assay Data



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