

**Synonym**

NCR1,LY94,CD335,NK-p46,hNKp46

SourceMouse NKp46 Protein, His Tag(NC1-M52H7) is expressed from human 293 cells (HEK293). It contains AA Glu 22 - Asn 255 (Accession # [Q8C567-1](#)).**Molecular Characterization**

NKp46(Glu 22 - Asn 255)	Poly-his
Q8C567-1	

This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 28.6 kDa. The protein migrates as 40-50 kDa when calibrated against [Star Ribbon Pre-stained Protein Marker](#) under reducing (R) condition (SDS-PAGE) due to glycosylation.**Endotoxin**Less than 1.0 EU per μ g by the LAL method / rFC method.**Purity**

>90% as determined by SDS-PAGE.

>90% as determined by SEC-MALS.

FormulationLyophilized from 0.22 μ m filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

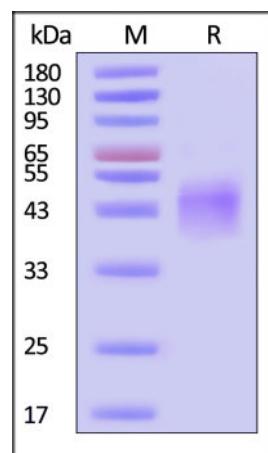
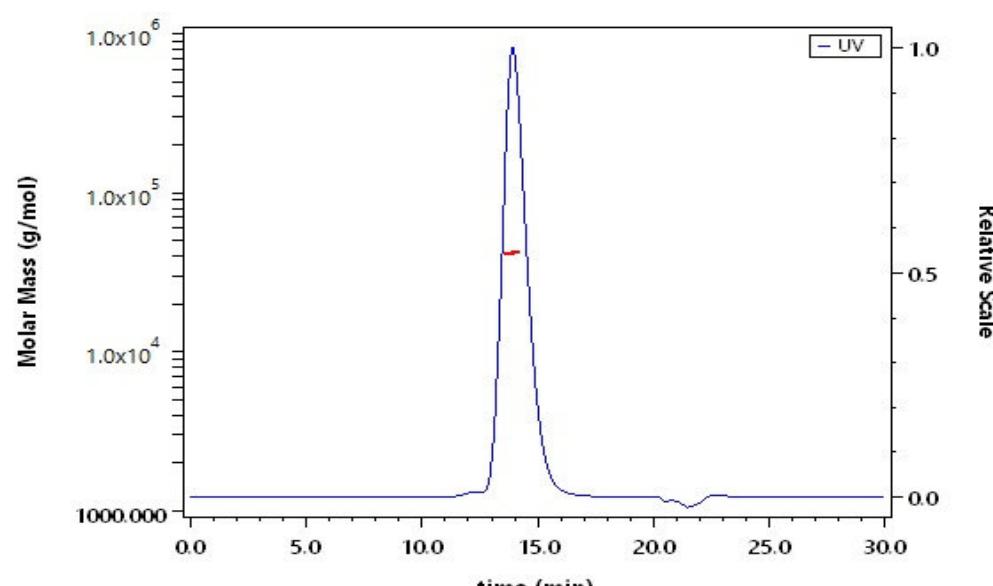
*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.***Storage**

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGEMouse NKp46 Protein, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With [Star Ribbon Pre-stained Protein Marker](#)).**SEC-MALS**

The purity of Mouse NKp46 Protein, His Tag (Cat. No. NC1-M52H7) is more than 90% and the molecular weight of this protein is around 35-50 kDa verified by SEC-MALS.

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Background

Natural cytotoxicity triggering receptor 1 (NCR1) is also known as Natural killer cell p46-related protein (NK-p46), Lymphocyte antigen 94 homolog (LY94), CD antigen CD335, which belongs to the natural cytotoxicity receptor (NCR) family. NCR1 contains two Ig-like (immunoglobulin-like) domains. NCR1 interacts with CD247 and FCER1G. NCR1 / CD335 may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis.

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