

**Synonym**

NCR1,LY94,CD335,NK-p46,hNKp46

Source

Mouse NKp46 Protein, Fc Tag(NC1-M5259) is expressed from human 293 cells (HEK293). It contains AA Glu 22 - Asn 255 (Accession # [Q8C567-1](#)).

Predicted N-terminus: Glu 22

Molecular Characterization
NKp46(Glu 22 - Asn 255)
Q8C567-1
Fc(Pro 100 - Lys 330)
P01857

This protein carries a human IgG1 Fc tag at the C-terminus.

The protein has a calculated MW of 53.0 kDa. The protein migrates as 65-80 kDa when calibrated against [Star Ribbon Pre-stained Protein Marker](#) under reducing (R) condition (SDS-PAGE) due to glycosylation.

EndotoxinLess than 1.0 EU per μ g by the LAL method / rFC method.**Purity**

>90% as determined by SDS-PAGE.

>95% as determined by SEC-MALS.

Formulation

Lyophilized 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.

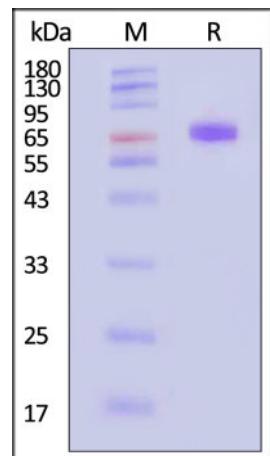
Storage

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

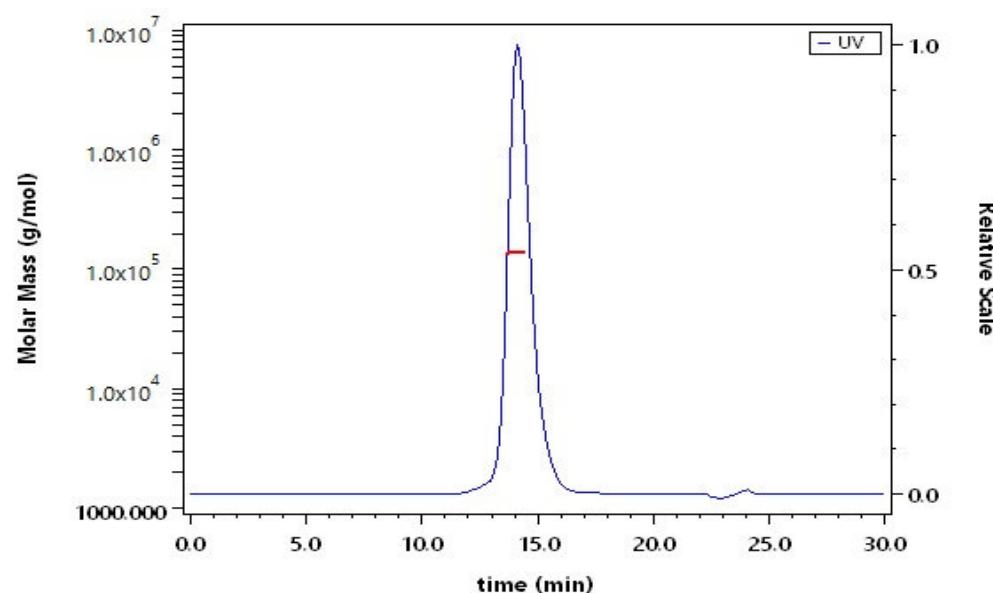
Please avoid repeated freeze-thaw cycles.

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-PAGE

Mouse NKp46 Protein, Fc 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, Fc Tag (Cat. No. NC1-M5259) is more than 95% and the molecular weight of this protein is around 125-145 kDa verified by SEC-MALS.

[Report](#)

Discounts, Gifts,
and more!



» www.acrobiosystems.com



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.

Discounts, Gifts,
and more!



» www.acrobiosystems.com