

**Synonym**

NCR1,LY94,CD335,NK-p46,hNKp46

**Source**

Mouse 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) Q8C567-1	Poly-his
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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 and 65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

**Endotoxin**

Less than 1.0 EU per µg by the LAL method.

**Purity**

>90% as determined by SDS-PAGE.

**Formulation**

Lyophilized from 0.22 µm 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**

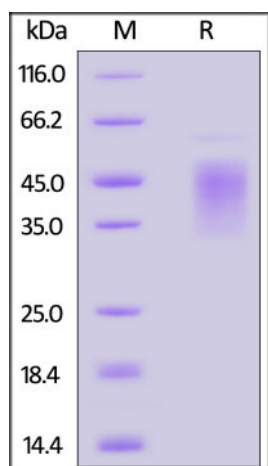
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

*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, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

**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.

**Clinical and Translational Updates**

Please contact us via [TechSupport@acrobiosystems.com](mailto:TechSupport@acrobiosystems.com) if you have any question on this product.