

Human NKp80 Protein, Fc Tag, low endotoxin (MALS verified)

Catalog # NK0-H5263



Synonyms

CLEC5C, NKp80

Source

Human NKp80 Protein, Fc Tag (NK0-H5263) is expressed from human 293 cells (HEK293). It contains AA Leu 60 - Tyr 231 (Accession # [Q9NZS2-1](#)).

Predicted N-terminus: Pro

Molecular Characterization

Fc (Pro 100 - Lys 330) P01857-1	NKp80 (Leu 60 - Tyr 231) Q9NZS2-1
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This protein carries a human IgG1 Fc tag at the N-terminus.

The protein has a calculated MW of 46.3 kDa. The protein migrates as 55-65 kDa when calibrated against [Star Ribbon Pre-stained Protein Marker](#) under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 0.01 EU per µg by the LAL method / rFC method.

Purity

>95% as determined by SDS-PAGE.

>95% as determined by SEC-MALS.

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.

Shipping and Storage

This product is shipped at ambient temperature.

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

Please avoid repeated freeze-thaw cycles.

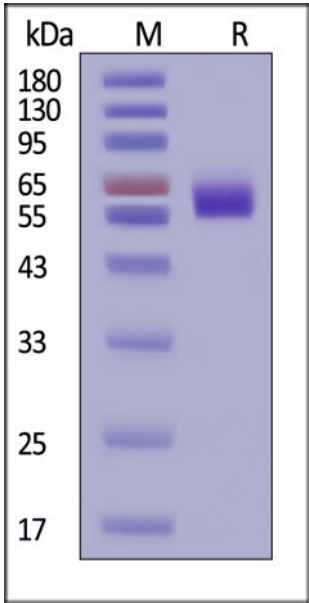
This product is stable after storage at:

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

ACRO Quality Management System

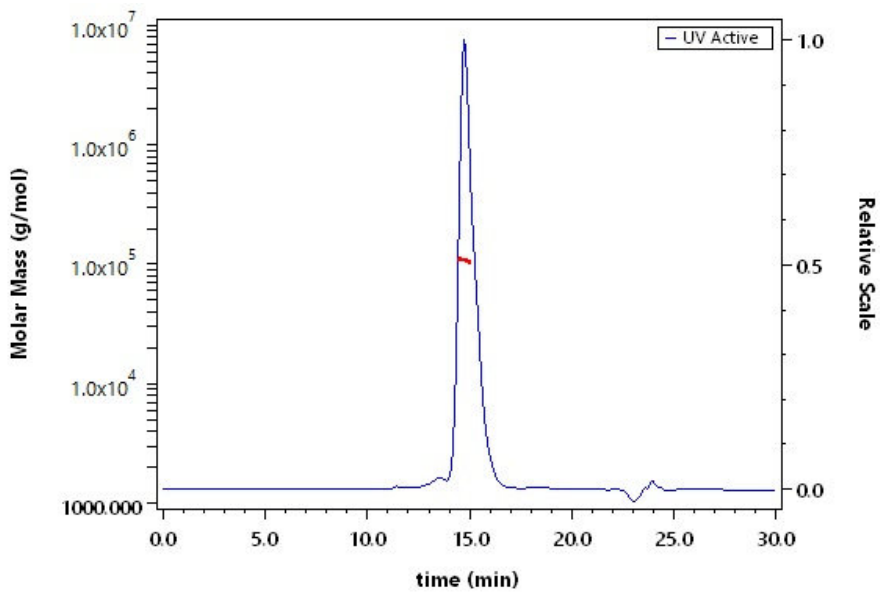
- [QMS\(ISO, GMP\)](#).
- [Quality Advantages](#)
- [Quality Control Process](#)

SDS-PAGE



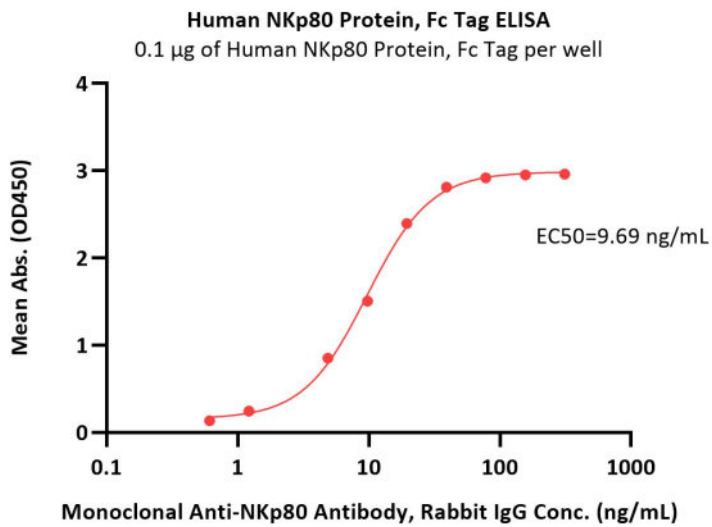
Human NKp80 Protein, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95% (With [Star Ribbon Pre-stained Protein Marker](#)).

SEC-MALS



The purity of Human NKp80 Protein, Fc Tag (Cat. No. NK0-H5263) is more than 95% and the molecular weight of this protein is around 95-125 kDa verified by SEC-MALS.

Activity-ELISA



Immobilized Human NKp80 Protein, Fc Tag (Cat. No. NK0-H5263) at 1 µg/mL (100 µL/well) can bind Monoclonal Anti-NKp80 Antibody, Rabbit IgG with a linear range of 0.6-20 ng/mL (QC tested).

Background

KLRF1,an activating homodimeric C-type lectin-like receptor(CTLR), is expressed on nearly all natural killer(NK)cells and stimulates their cytotoxicity and cytokine release.



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