

RP00984

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# Recombinant Human Nectin-3/PVRL3/CD113 Protein

Catalog No.: RP00984

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	25945	Q9NQS3-1

### Tags

C-hFc&His

### Synonyms

CD113; CDw113; nectin 3; poliovirus receptor related 3; PPR3; PRR3; PVRL3; PVRR3;PVRL3;NECTIN3;CDW113;NECTIN-3;PPR3;PRR3;PVRR3;nectin-3

## Product Information

Source	Purification
HEK293 cells	> 97% by SDS-PAGE.

### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Background

This protein is a member of the nectin family of proteins, which function as adhesion molecules at adherens junctions. This family member interacts with other nectin-like proteins and with afadin, a filamentous actin-binding protein involved in the regulation of directional motility, cell proliferation and survival.

## Basic Information

### Description

Recombinant Human Nectin-3/PVRL3/CD113 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Gly 58 - Asp 400 ) of human Nectin 3 (Accession #NP\_056295) fused with an Fc, 6×His tag at the C-terminus.

### Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human Nectin-1 at 3 μg/mL (100 μL/well) can bind Recombinant Human Nectin-3 with a linear range of 180-720 ng/mL.

### Storage

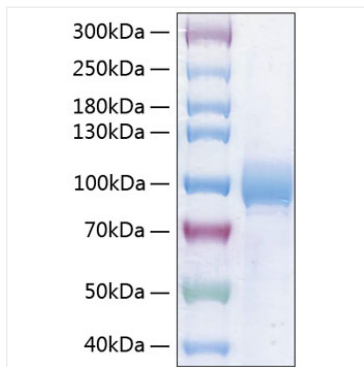
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

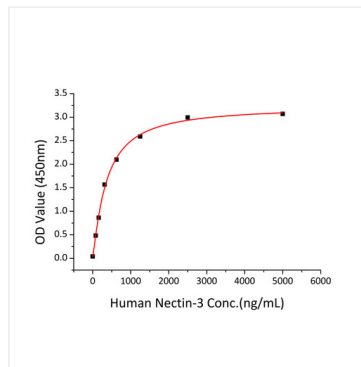


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## Validation Data



Recombinant Human Nectin-3/PVRL3/CD113 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 100 kDa.



Immobilized Recombinant Human Nectin-1 at 3 $\mu$ g/mL (100  $\mu$ L/well) can bind Recombinant Human Nectin-3 with a linear range of 180-720 ng/mL.