

# Recombinant Human Nectin-3/PVRL3/CD113 Protein

Catalog No.: RP00984 Recombinant

### **Sequence Information**

**Species Gene ID Swiss Prot** Human 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;PVRR3;PVRR3;nectin-3

### **Product Information**

**Source** Purification HEK293 cells ≥ 95 % as

determined by SDS-

PAGE.

Calculated MW Observed MW

64.48 kDa 80-110 kDa

#### **Endotoxin**

< 0.1 EU/ $\mu$ g 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

#### Contact

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### **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,  $6\times$ His tag at the C-terminus.

#### **Bio-Activity**

Measured by its binding ability in a functional ELISA. 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.

#### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

### 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.

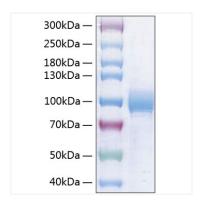
Avoid repeated freeze/thaw cycles.

### **Operational Notes**

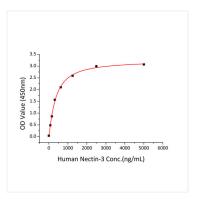
For your safety and health, please wear a lab coat and disposable gloves for handling.

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## **Validation Data**



Recombinant Human Nectin-3/PVRL3/CD113 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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.