

# Recombinant Human Nectin-1/PVRL1/CD111 Protein

Catalog No.: RP01066 Recombinant

### **Sequence Information**

Species Gene ID Swiss Prot Human 5818 015223-1

#### **Tags**

C-hFc&His

#### **Synonyms**

NECTIN1;CD111;CLPED1;ED4;HIgR;HV1S; HVEC;OFC7;PRR;PRR1;PVRL1;PVRR;PVRR 1;SK-12;nectin-1

### **Product Information**

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

≥ 95 % as determined by SDS-

PAGE.

### Calculated MW Observed MW

63.84 kDa 80-100 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**

### **Basic Information**

#### Description

Recombinant Human Nectin-1/PVRL1/CD111 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Met1-Thr334) of human Nectin-1/PVRL1/CD111 (Accession  $\#NP_002846.3$ ) 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-3 at 2  $\mu$ g/mL (100  $\mu$ L/well) can bind Recombinant human Nectin-1 with a linear range of 30-122 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.

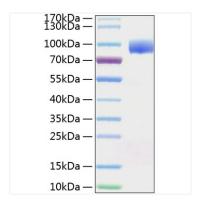
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

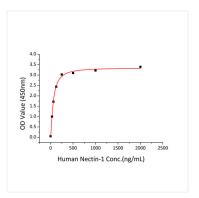
### **Operational Notes**

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

## **Validation Data**



Recombinant Human Nectin-1/PVRL1/CD111 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Recombinant Human Nectin-3 at 2  $\mu$ g/mL (100  $\mu$ L/well) can bind Recombinant human Nectin-1 with a linear range of 30-122 ng/mL.