

# Recombinant Human Nectin-1/PVRL1/CD111 Protein

Catalog No.: RP01066 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	5818	Q15223-1

### Tags

C-hFc&His

### Synonyms

NECTIN1;CD111;CLPED1;ED4;HlgR;HV1S;HVEC;OFC7;PRR;PRR1;PVRL1;PVRR;PVRR1;SK-12;nectin-1

## Product Information

Source	Purification
HEK293 cells	> 95% 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.

## 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×His tag at the C-terminus.

#### Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human Nectin-3 at 2 μg/mL (100 μL/well) can bind Recombinant human Nectin-1 with a linear range of 30-122 ng/mL.

#### Storage

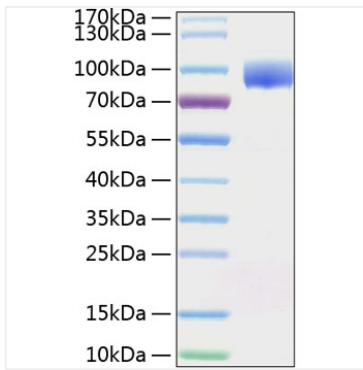
Store the lyophilized protein at -20°C to -80 °C for long term.

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

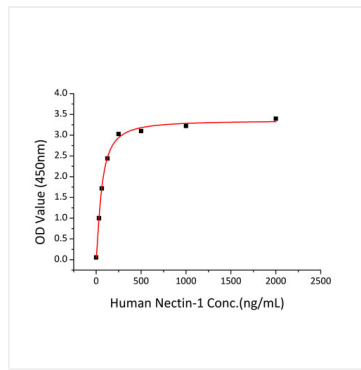
Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Human Nectin-1/PVRL1/CD111 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 80-90kDa.



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.