

Recombinant Human Nectin-1/PVRL1/CD111 Protein

Catalog No.: RP01219 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	5818	Q15223-1

Tags

C-His

Synonyms

NECTIN1;CD111;CLPED1;ED4;HIgR;HV1
S;HVEC;OFC7;PRR;PRR1;PVRL1;PVRR;P
VRR1;SK-12;nectin-1

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.

Contact

Background

Basic Information

Description

Recombinant Human Nectin-1/PVRL1/CD111 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Thr334) of human Nectin-1/PVRL1/CD111 (Accession #NP_002846.3) fused with a 6xHis tag at the C-terminus.

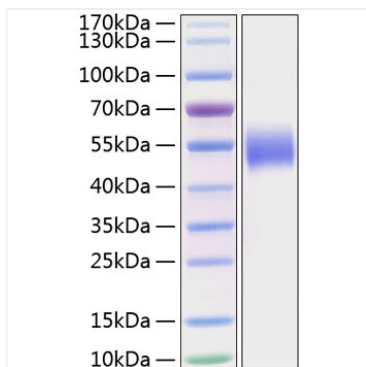
Bio-Activity

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

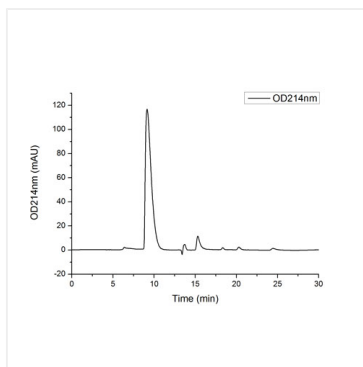
Storage

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.

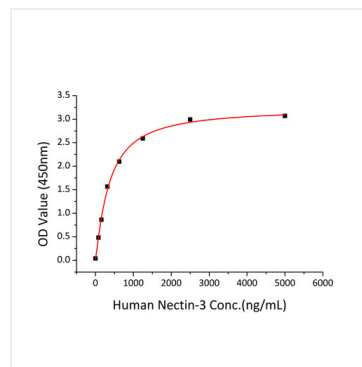
Validation Data



Active Recombinant Human Nectin-1/PVRL1/CD111 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 50-55 kDa.



The purity of human Nectin-1/PVRL1/CD111 Protein (Cat.RP01219) was greater than 90% as determined by SEC-HPLC.



Immobilized Recombinant Human Nectin-1 3µg/mL (100 µL/well) can bind Recombinant Human Nectin-3 with a linear range of 180-720 ng/mL.