

Recombinant Human Nectin-1/PVRL1/CD111 Protein

Catalog No.: RP01219 **Recombinant**

Sequence Information

Species Human **Gene ID** 5818 **Swiss Prot** Q15223-1

Tags

C-His

Synonyms

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

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 6×His tag at the C-terminus.

Product Information

Source

HEK293 cells

Purification

≥ 95 % as determined by SDS-PAGE; ≥ 90 % as determined by HPLC.

Calculated MW

37.89 kDa

Observed MW

50-60 kDa

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

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.

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

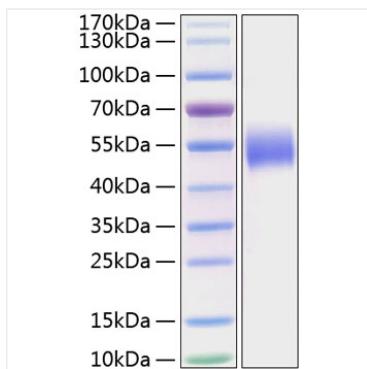
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

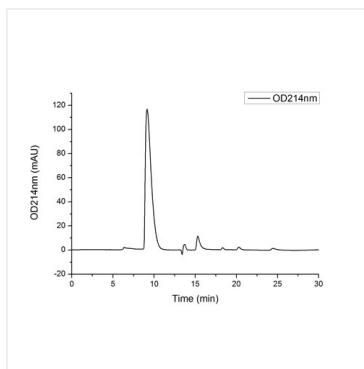
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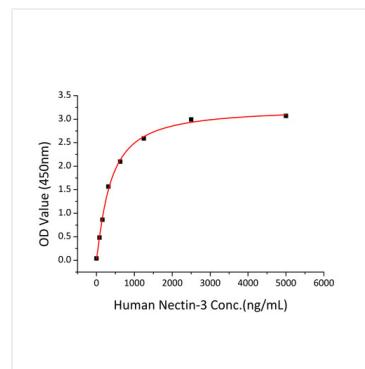
Validation Data



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



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 3 μ g/mL (100 μ L/well) can bind Recombinant Human Nectin-3 with a linear range of 180-720 ng/mL.