Recombinant Human Nectin-1/PVRL1/CD111 Protein

Catalog No.: RP01219

Sequence Information

Species
Human

Gene ID
5818

Swiss Prot
Q15223-1

Tags
C-His

Synonyms
NECTIN1,CD111,CLPED1,ED4,HIgR,HV1S,HVEC,OFC7,PRR,PRR1,PVRL1,PVRR,PVRR1,SK-12,nectin-1

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

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.

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
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

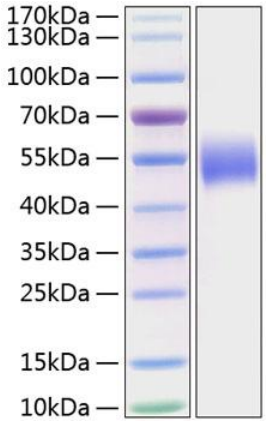
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

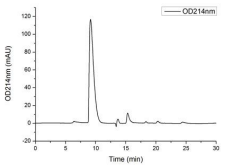
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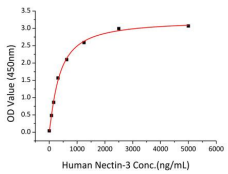
Validation Data



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