

Biotinylated Recombinant Human Nectin-4/PVRL4 Protein

Catalog No.: RP02763B **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	81607	Q96NY8

Tags

C-His&Avi

Synonyms

EDSS1; LNIR; Nectin4; PRR4; NECTIN4; PVRL4

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW	Observed MW
37.2 kDa	46-48 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the tube 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

☎ | 400-999-6126

Background

Nectin-4 seems to be involved in cell adhesion through trans-homophilic and -heterophilic interactions, the latter including specifically interactions with NECTIN1. Does not act as receptor for alpha-herpesvirus entry into cells. (Microbial infection) Acts as a receptor for measles virus.

Basic Information

Description

Biotinylated Recombinant Human Nectin-4/PVRL4 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly32-Val351) of Human Nectin-4/PVRL4 (Accession #) fused with His tag and Avi tag at the C-terminal.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

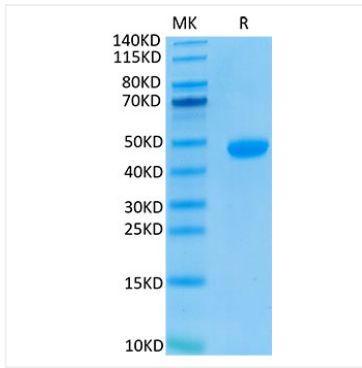
Storage

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.

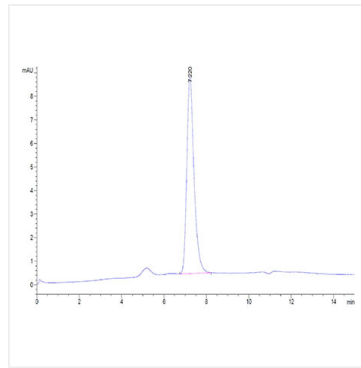
Operational Notes

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

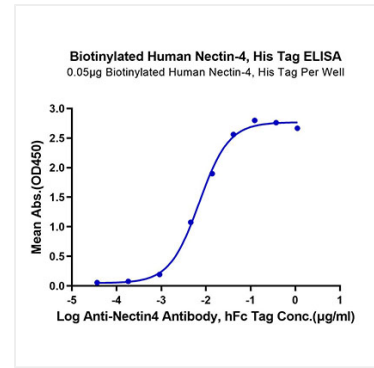
Validation Data



Biotinylated Recombinant Human Nectin-4/PVRL4 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Biotinylated Human Nectin-4 is greater than 95% as determined by SEC-HPLC.



Immobilized Biotinylated Human Nectin-4, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-Nectin4 Antibody, hFc Tag with the EC_{50} of 7.1ng/ml determined by ELISA.