

# 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% by Tris-Bis PAGE and 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

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## 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

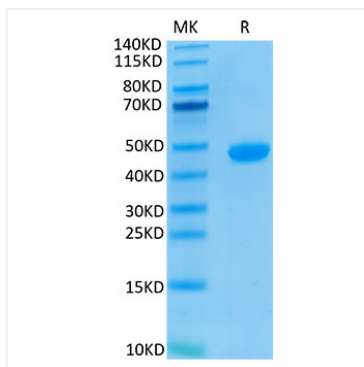
### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.

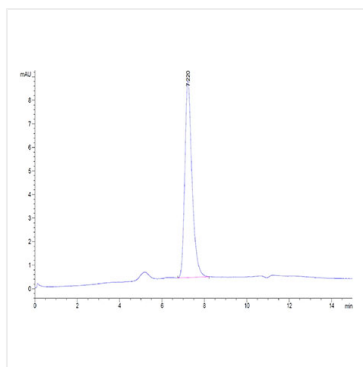
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

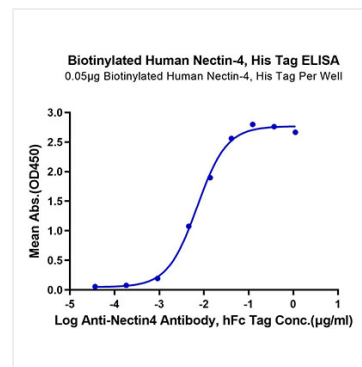
## Validation Data



Biotinylated Human Nectin-4 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.



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.