Biotinylated Recombinant Human Nectin-4/PVRL4 Protein

Catalog No.: RP02763B

Sequence Information

Species
Human

Gene ID
81607

Swiss Prot
Q96NY8

Tags
C-His&Avi

Synonyms
EDSS1; LNIR; Nectin4; PRR4; NECTIN4; PVRL4

Product Information

Source
HEK293 cells

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

Calculated MW
37.2 kDa

Observed MW
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 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

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.

Activity

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℃

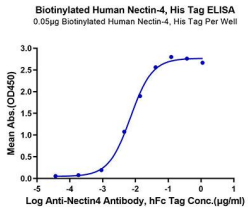
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

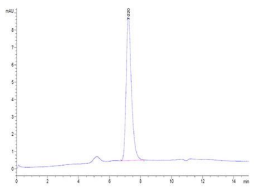
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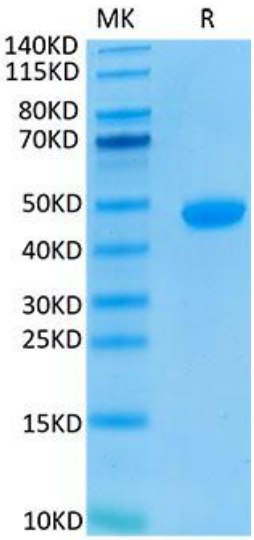
Validation Data



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.



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



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