

RP02029

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Recombinant Human Nectin-4 Protein

Catalog No.: RP02029

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	81607	Q96NY8

Tags

C-His&Avi

Synonyms

NECTIN4;EDSS1;LNIR;PRR4;PVRL4;nectin-4

Product Information

Source

Purification

> 95% by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. 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.

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

Recombinant Human DNAM-1 Protein is produced by mammalian expression system. The target protein is expressed with sequence (Gly32-Val351) of human Nectin-4 (Accession #Q96NY8) fused with a 6xHis, Avi tag at the C-terminus.

Bio-Activity

Immobilized Human Nectin-4 at 0.5 μg/mL (100 μL/well), dose response curve for Anti-Nectin-4 Ab with the EC₅₀ of 32.3 ng/mL determined by ELISA.

Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

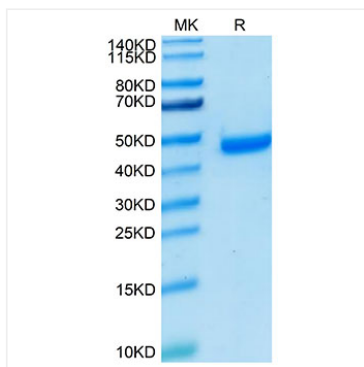
Avoid repeated freeze/thaw cycles.

Contact

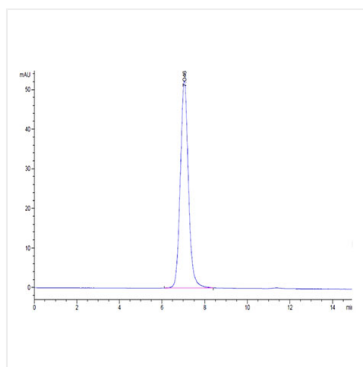


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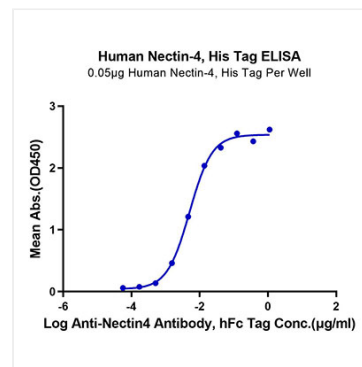
Validation Data



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



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



Immobilized Human Nectin-4 at 0.5 μ g/ml (100 μ l/well) on the plate. Dose response curve for Anti-Nectin4 Antibody, hFc Tag with the EC_{50} of 5.0ng/ml determined by ELISA.