

Recombinant Cynomolgus Nectin-4/PVRL4 Protein

Catalog No.: RP02683

Sequence Information

Species	Gene ID
Cynomolgus	102127936
Swiss Prot	Tags
XP_005541277.1	C-His

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

35.9 kDa 38-48 kDa

Endotoxin

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

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 Cynomolgus Nectin-4/PVRL4 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly32-Val351) of Cynomolgus Nectin-4/PVRL4 (Accession #) fused with His 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°C

Operational Notes

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

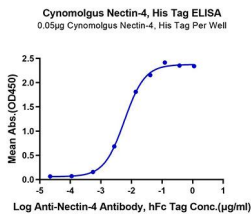
Contact

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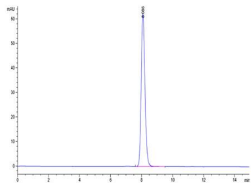
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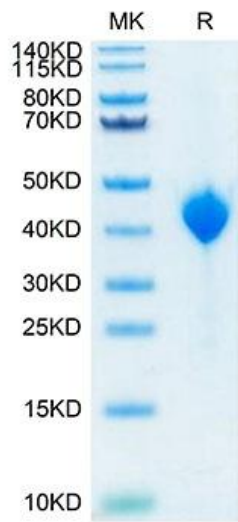
Validation Data



Immobilized Cynomolgus Nectin-4, His Tag at 0.5µg/ml (100µl/Well) on the plate.
Dose response curve for Anti-Nectin-4 Antibody, hFc Tag with the EC₅₀ of 5.9ng/ml determined by ELISA.



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



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