

Recombinant Cynomolgus Nectin-4/PVRL4 Protein

Catalog No.: RP02683 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Cynomolgus	102127936	XP_00554127 7.1

Tags

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

Less than 1EU per µg by the 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.

Contact

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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.

Bio-Activity

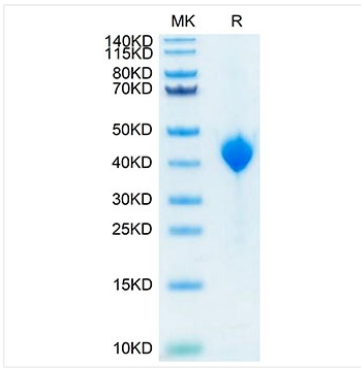
Storage

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

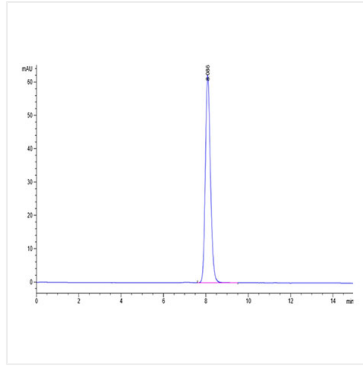
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

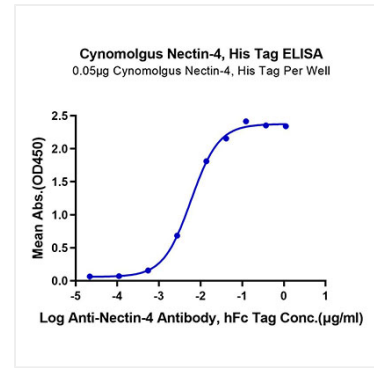
Validation Data



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



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



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.