

Recombinant Human Nectin-4/PVRL4 Protein

Catalog No.: RP02050 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	81607	Q96NY8

Tags

C-hFc

Synonyms

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

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW	Observed MW
61.1 kDa	72-74 kDa

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 Nectin-4/PVRL4 Protein is produced by mammalian expression system. The target protein is expressed with sequence (Gly32-Ser349) of Human Nectin-4/PVRL4 (Accession #Q96NY8) fused with an Fc tag at the C-terminus.

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.

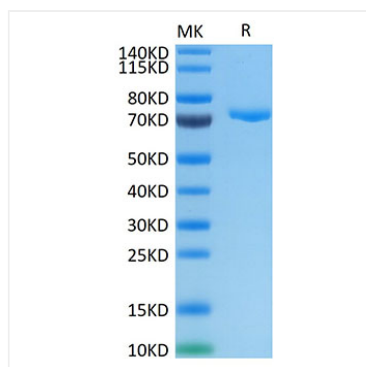
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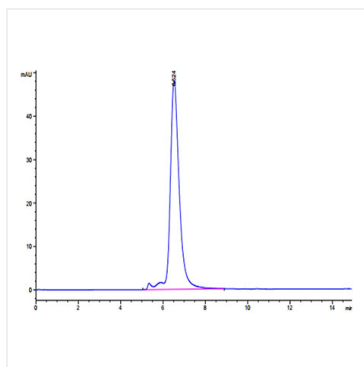
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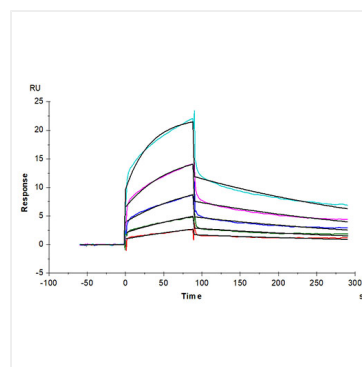
Validation Data



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



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



Human Nectin-4, hFc Tag captured on CM5 Chip via Protein A can bind Biotinylated Human Nectin-1, His-Avi Tag with an affinity constant of 22.83 nM as determined in SPR assay (Biacore T200).