

Recombinant Human Nectin-3/PVRL3/CD113 Protein

Catalog No.: RP00984 **Recombinant**

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human | 25945 | Q9NQS3-1 |

Tags

C-hFc&His

Synonyms

CD113; CDw113; nectin 3; poliovirus receptor related 3; PPR3; PRR3; PVRL3; PVRR3;PVRL3;NECTIN3;CDW113;NECTIN-3;PPR3;PRR3;PVRR3;nectin-3

Product Information

| Source | Purification |
|--------------|--------------------|
| HEK293 cells | > 97% by SDS-PAGE. |

| Calculated MW | Observed MW |
|---------------|-------------|
| 64.48 kDa | 80-110 kDa |

Endotoxin

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

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial 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

This protein is a member of the nectin family of proteins, which function as adhesion molecules at adherens junctions. This family member interacts with other nectin-like proteins and with afadin, a filamentous actin-binding protein involved in the regulation of directional motility, cell proliferation and survival.

Basic Information

Description

Recombinant Human Nectin-3/PVRL3/CD113 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Gly 58 - Asp 400) of human Nectin 3 (Accession #NP_056295) fused with an Fc, 6×His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human Nectin-1 at 3 μg/mL (100 μL/well) can bind Recombinant Human Nectin-3 with a linear range of 180-720 ng/mL.

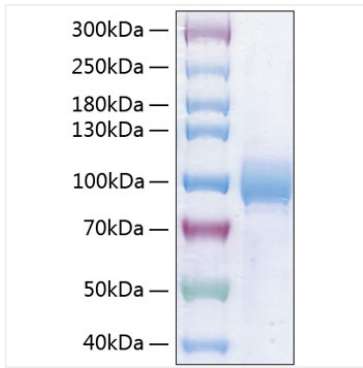
Storage

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

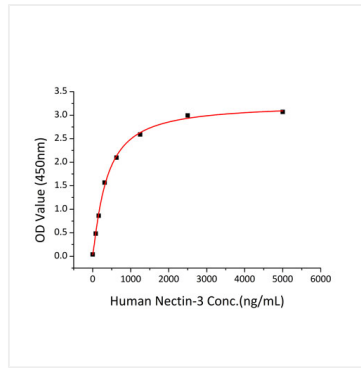
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human Nectin-3/PVRL3/CD113 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 100 kDa.



Immobilized Recombinant Human Nectin-1 at 3 μ g/mL (100 μ L/well) can bind Recombinant Human Nectin-3 with a linear range of 180-720 ng/mL.