Recombinant Human Nectin-3/PVRL3/CD113 Protein

Catalog No.: RP00984

Sequence Information

Species
Human

Gene ID
25945

Swiss Prot
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
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
64.48 kDa

Observed MW
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

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.

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℃

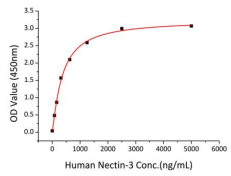
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

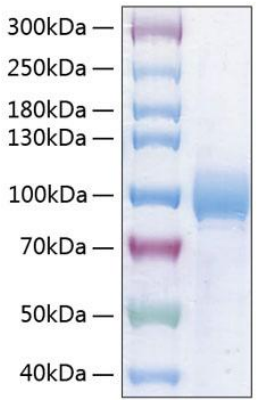
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Validation Data



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



Recombinant Human Nectin-3/PVRL3/CD113 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.