

Biotinylated Recombinant Human Nectin-2/PVRL2/CD112 Protein

Catalog No.: RP00383B **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	5819	Q92692-2

Tags

C-His&Avi

Synonyms

CD112; MPH; Nectin2; PRR2; PVRL2; HVEB; PVRR2

Product Information

Source

HEK293 cells

Purification

≥ 95 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.

Calculated MW

38.4 kDa

Observed MW

45-50 kDa

Endotoxin

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

Formulation

Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose and 0.01% tween is added as protectant before lyophilization.

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

Nectin-2 is an adhesion molecule that has been reported to play a role in tumor growth, metastasis and tumor angiogenesis. Nectin-2 expression in ovarian cancer may support tumor cell adhesion, leading to growth and lymph node metastasis. Effect of VEGF on Nectin-2 expression as well as permeability was investigated in HUVEC.

Basic Information

Description

Biotinylated Recombinant Human Nectin-2/CD112 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln32-Leu360) of Human Nectin-2/CD112 (Accession #Q92692-2) fused with a C-His&Avi tag at the C-terminus.

Bio-Activity

Storage

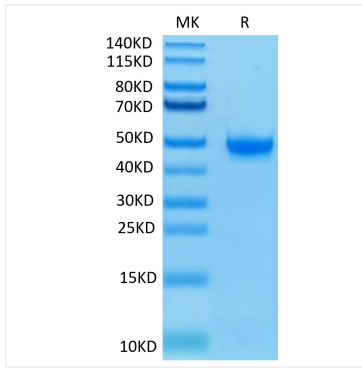
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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

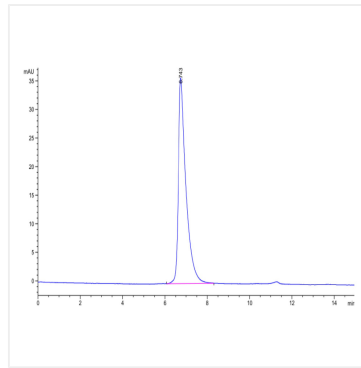
Avoid repeated freeze/thaw cycles.



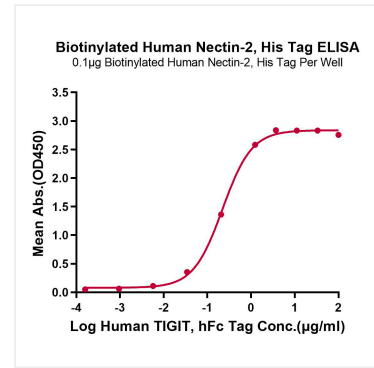
Validation Data



Biotinylated Recombinant Human Nectin-2/PVRL2/CD112 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Biotinylated Human Nectin-2 is greater than 95% as determined by SEC-HPLC.



Immobilized Biotinylated Human Nectin-2, His Tag at 1 μ g/mL (100 μ L/Well) on the streptavidin precoated plate (5 μ g/mL). Dose response curve for Human TIGIT, hFc Tag with the EC₅₀ of 0.22 μ g/mL determined by ELISA.