

RP02282B

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Biotinylated Recombinant Human TNFRSF9/4-1BB/CD137 Protein

Catalog No.: RP02282B

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	3604	Q07011

Tags

C-His&Avi

Synonyms

TNFRSF9;4-1BB;CD137;CDw137;ILA

Product Information

Source

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.

Purification

≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Endotoxin

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

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization. Contact us for

Background

4-1BB, is also known as CD137, is a type 2 transmembrane glycoprotein receptor belonging to the TNF superfamily. CD137 can be expressed by activated T cells, but to a larger extent on CD8 than on CD4 T cells. In addition, CD137 expression is found on dendritic cells, B cells, follicular dendritic cells, natural killer cells, granulocytes and cells of blood vessel walls at sites of inflammation.

Basic Information

Description

Biotinylated Recombinant Human 4-1BB Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Leu24-Gln186) of Human 4-1BB fused with a His and Avi tag at the C-terminal.

Bio-Activity

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.

Operational Notes

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

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

customized product form or formulation.

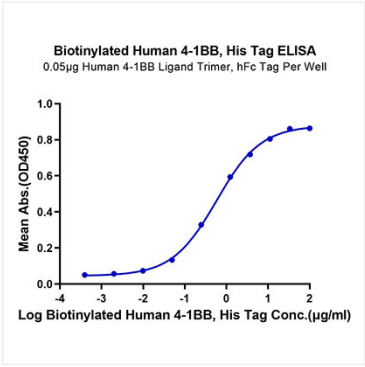
Reconstitution

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.

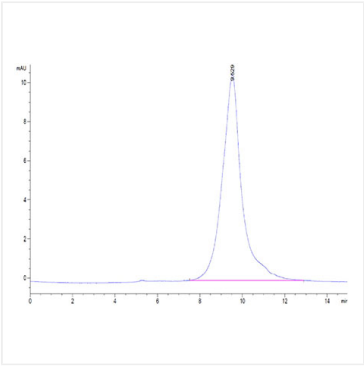
Contact



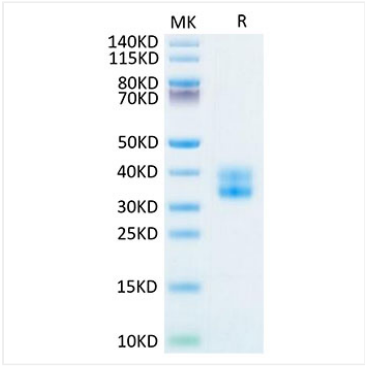
www.abclonal.com



Immobilized Human 4-1BB Ligand Trimer, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human 4-1BB, His Tag with the EC₅₀ of 0.58µg/ml determined by ELISA.



The purity of Biotinylated Human 4-1BB is greater than 95% as determined by SEC-HPLC.



Biotinylated Recombinant Human TNFRSF9/4-1BB/CD137 Protein was determined by Tris-Bis PAGE under reducing conditions.