

Biotinylated Recombinant Human 4-1BB Protein

Catalog No.: RP02282 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	3604	Q07011

Tags

C-His-Avi

Synonyms

CD137 antigen; CD137;TNFRSF9; 4-1BB ligand receptor; 41BB; 4-1BB; CD137MGC2172; CDw137; FLJ43501; ILA; ILAhomolog of mouse 4-1BB; induced by lymphocyte activation (ILA); interleukin-activated receptor; homolog of mouse Ly63; receptor protein 4-1BB; T cell

Product Information

Source	Purification
Expi293	> 95% by Tris-Bis PAGE;> 95% by SEC-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.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

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

Immobilized Human 4-1BB Ligand at 1µg/ml (100µl/Well). Dose response curve for Biotinylated Human 4-1BB with the EC50 of 0.38µg/ml determined by ELISA.

Storage

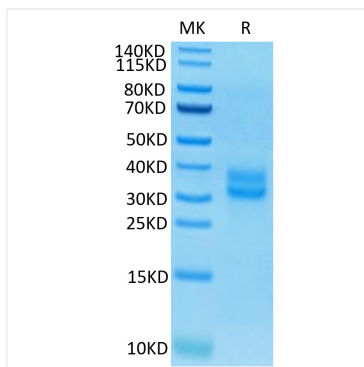
Store the lyophilized protein at -20°C to -80°C for long term.

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

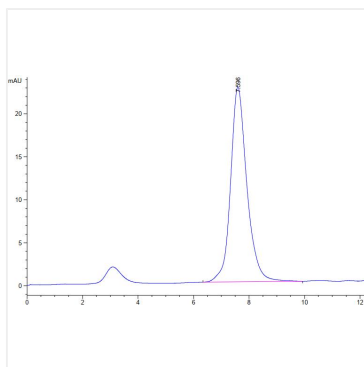
Avoid repeated freeze/thaw cycles.

Contact

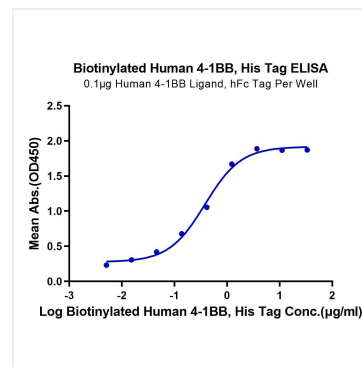
Validation Data



Biotinylated Human 4-1BB on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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



Immobilized Human 4-1BB Ligand at 1µg/ml (100µl/Well). Dose response curve for Biotinylated Human 4-1BB with the EC50 of 0.38µg/ml determined by ELISA.