

Recombinant Cynomolgus/Rhesus macaque TNFRSF9/4-1BB Protein

Catalog No.: RP02643 Recombinant

Sequence Information

SpeciesGene IDSwiss ProtCynomolgus/102127961/7 XP_00554494Rhesus082815.1macaque

Tags

C-His

Synonyms

CD137; TNFRSF9; 4-1BB ligand receptor; 41BB; 4-1BB; CDw137; FLJ43501; ILA; T cell antigen ILA

Product Information

Source

HEK293 cells

Purification

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

HPLC.

Calculated MW Observed MW

18.4 kD 30-40 kDa

Endotoxin

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

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

Contact

| <u>a</u> | 400-999-6126 |
|-----------|---------------------------|
| \bowtie | cn.market@abclonal.com.cn |
| • | www.abclonal.com.cn |

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

Recombinant CynomolgusTNFRSF9/4-1BB Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Leu24-Gln186) of Cynomolgus TNFRSF9 fused with His tag at the C-terminus.

Bio-Activity

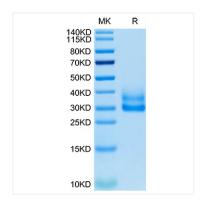
Storage

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

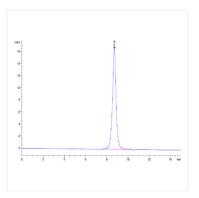
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

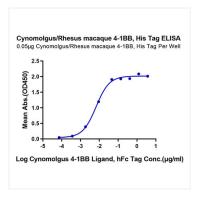
Validation Data



Recombinant Cynomolgus/Rhesus macaque TNFRSF9/4-1BB Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Cynomolgus/Rhesus macaque 4-1BB is greater than 95% as determined by SEC-HPLC.



Immobilized Cynomolgus/Rhesus macaque 4-1BB, His Tag at $0.5\mu g/ml$ ($100\mu l/Well$) on the plate. Dose response curve for Cynomolgus 4-1BB Ligand, hFc Tag with the EC $_{50}$ of 6.7ng/ml determined by ELISA.