

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

Catalog No.: RP02643

Sequence Information

Species **Gene ID**
Cynomolgus 102127961
/Rhesus macaque/708281

Swiss Prot **Tags**
XP_005544945.1 C-His

Synonyms

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

Product Information

Source **Purification**
HEK293 cells ≥ 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 stabilizer (e.g. 0.1% BSA,
5% HSA, 10% FBS or 5%
Trehalose), and aliquot the
reconstituted protein solution to
minimize free-thaw cycles.

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 Cynomolgus TNFRSF9/4-1BB 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.

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.

Storage

Store at -20°C

Operational Notes

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

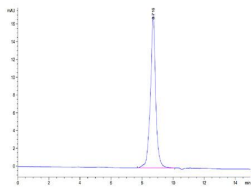
Contact

☎ | 400-999-6126

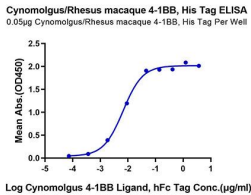
✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

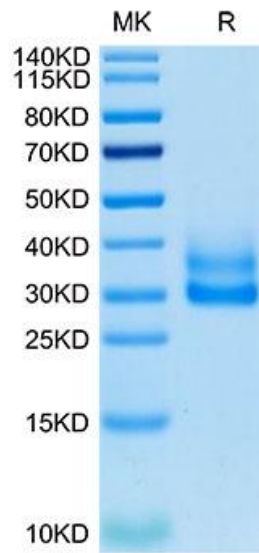
Validation Data



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 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Cynomolgus 4-1BB Ligand, hFc Tag with the EC₅₀ of 6.7ng/ml determined by ELISA.



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