

Cynomolgus BLyS/TNFSF13B (Fc Tag) recombinant protein



Catalog Number: 501835

General Information

Gene Name Synonym

Uncharacterized protein

Protein Construction

A DNA sequence encoding the cynomolgus TNFSF13B (F7H548) (Ala134-Leu285) was expressed with the Fc region of human IgG1 at the C-terminus.

Organism

Cynomolgus

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

Immobilized Cynomolgus Fc-TNFSF13B at 10 µg/ml (100 µl/well) can bind biotinylated Cynomolgus TNFRSF17-Fc (Cat:500916), the EC₅₀ of biotinylated Cynomolgus TNFRSF17-Fc (Cat:500916) is 4.5-10.5 ng/ml.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Glu

Molecular Mass

The recombinant cynomolgus TNFSF13B is a disulfide-linked homodimer. The reduced monomer comprises 412 amino acids and has a calculated molecular mass of 45.5 KDa. The apparent molecular mass of the protein is approximately 47 KDa respectively in SDS-PAGE.

Formulation

Lyophilized from sterile PBS, PH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

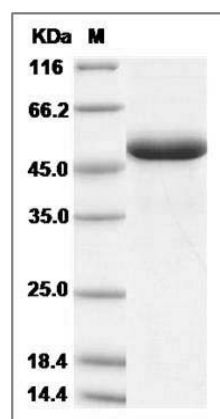
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Cynomolgus BLyS / TNFSF13B / BAFF Protein (Fc Tag) SDS-PAGE