Cynomolgus TNFR2/CD120b/TNFRSF1B (Fc Tag) recombinant protein

Catalog Number: 503164

General Information

Gene Name Synonym

Uncharacterized protein

Protein Construction

A DNA sequence encoding the cynomolgus TNFRSF1B (F7EAE4) (Met1-Asp257) 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 ability to inhibit the TNFα mediated cytotoxicity in the L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D.
The ED_{50} for this effect is typically 2-10 ng/mL in the presence of 1 ng/mL of cynoTNFα.

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℃

Predicted N terminal

Leu 25

Molecular Mass

The recombinant cynomolgus TNFRSF1B is a disulfide-linked homodimer. The reduced monomer comprises 476 amino acids and has a calculated molecular mass of 52.1 KDa.The apparent molecular mass of the protein is approximately 68 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

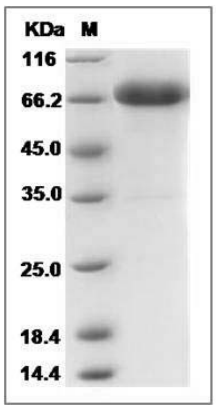
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 TNFR2 / CD120b / TNFRSF1B Protein (Fc Tag) SDS-PAGE