Cynomolgus CD95/APO-1/TNFRSF6 (Fc Tag) recombinant protein

Catalog Number: 504216

General Information

Protein Construction

A DNA sequence encoding the cynomolgus FAS (F6V1W6) (Met1-Asp173) was expressed with the Fc region of human IgG1 at the C-terminus.

Organism

Cynomolgus

Expression Host

Human Cells

QC Testing

Activity

1. Measured by its ability to inhibit Fas Ligand induced apoptosis of Jurkat human acute T cell leukemia cells. The ED_{50} for this effect is typically 0.2-0.8 μg/mL in the presence of 20 ng/mL recombinant human Fas ligand.
2. Measured by its binding ability in a functional ELISA. Immobilized human His-FASLG (Cat□10244-H07Y) at 10 μg/ml (100 μl/well) can bind Cynomolgus FAS-Fc. The EC_{50} of Cynomolgus FAS-Fc is 0.06-0.14 μg/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℃

Predicted N terminal

Gln 26

Molecular Mass

The recombinant cynomolgus FAS is a disulfide-linked homodimer. The reduced monomer comprises 389 amino acids and has a calculated molecular mass of 43.8 KDa.The apparent molecular mass of the protein is approximately 47-57 KDa 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

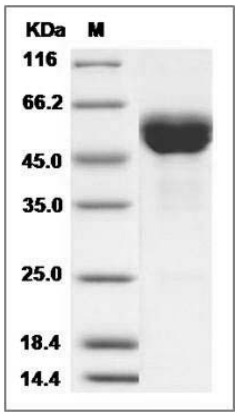
Storage

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 FAS / CD95 / APO-1 / TNFRSF6 Protein (Fc Tag) SDS-PAGE