

Rat CD95/APO-1/TNFRSF6 (His Tag) recombinant protein



Catalog Number: 503407

General Information

Gene Name Synonym

Apo-1 antigen; Apoptosis-mediating surface antigen FAS; FASLG receptor

Protein Construction

A DNA sequence encoding the rat FAS (NP_631933.2) extracellular domain (Met 1-Lys 170) was fused with a polyhistidine tag at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to inhibit Fas Ligand induced apoptosis of Jurkat human acute T cell leukemia cells.

The ED₅₀ for this effect is typically 2-10 µg/mL in the presence of 20 ng/mL recombinant human Fas ligand.

Purity

> 90 % 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

Gln 22

Molecular Mass

The recombinant rat FAS comprises 160 amino acids and predicts a molecular mass of 18 kDa. As a result of glycosylation, the apparent molecular mass of the rat FAS is approximately 30-35 kDa in SDS-PAGE under reducing conditions.

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

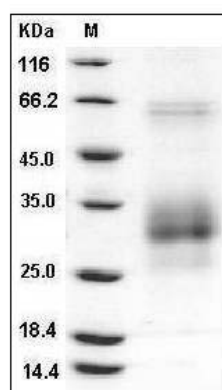
Storage

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



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