

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



Catalog Number: 502104

General Information

Gene Name Synonym

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

Protein Construction

A DNA sequence encoding the extracellular domain of mouse FAS (NP_032013.2) (Met 1-Arg 169) was fused with a polyhistidine tag at the C-terminus.

Organism

Mouse

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 1-8 µg/mL in the presence of 20 ng/mL recombinant human Fas ligand.

Purity

> 98 % 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 mouse FAS consists of 159 amino acids and has a predicted molecular mass of 18 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmFAS is approximately 30-35 kDa due to glycosylation.

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

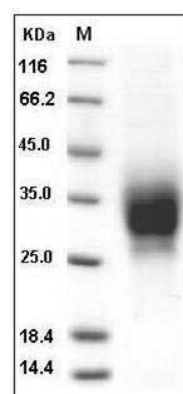
Storage

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



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(His Tag) SDS-PAGE