# 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 ED $_{50}$  for this effect is typically 2-10  $\mu g/mL$  in the presence of 20 ng/mL recombinant human Fas ligand.

# **Purity**

> 90 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  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**

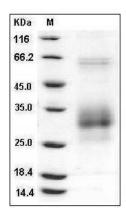
# **Storage**

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