

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



Catalog Number: 500940

## 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) (Met1-Lys170) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Activity

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 rat FAS-Fc. The EC<sub>50</sub> of rat FAS-Fc is 0.22-0.52 µg/ml.

### Purity

(73+25) % 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/Fc is a disulfide-linked homodimer. The reduced monomer comprises 390 amino acids and has a predicted molecular mass of 43.7 kDa. The apparent molecular mass of the protein is approximately 57 and 36 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

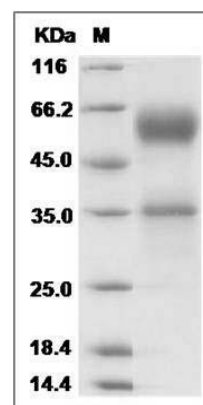
### Storage

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 (Fc Tag) SDS-PAGE