

Rat TNFR1/CD120a/TNFRSF1A (His Tag) recombinant protein



Catalog Number: 504796

General Information

Protein Construction

A DNA sequence encoding the rat TNFRSF1A (Met1-Ala211) was expressed with a polyhistidine tag at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to inhibit the TNF α mediated cytotoxicity in the L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D.

The ED₅₀ for this effect is typically 0.4-2 μ g/mL.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ 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

Ile 22

Molecular Mass

The recombinant rat TNFRSF1A comprises 201 amino acids and predicts a molecular mass of 22.3 kDa. The apparent molecular mass of the recombinant protein is approximately 33-38 kDa in SDS-PAGE under reducing conditions 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

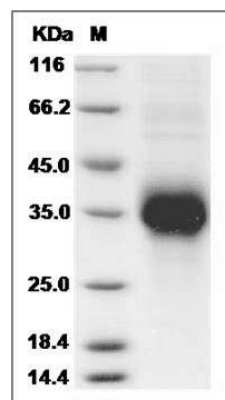
Storage

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



Rat TNFR1 / CD120a / TNFRSF1A Protein (His Tag) SDS-PAGE