

Human TRAIL R1/CD261/TNFRSF10A (His Tag) recombinant protein



Catalog Number: 504582

General Information

Protein Construction

A DNA sequence encoding the human TNFRSF10A (NP_003835.2) extracellular domain (Met 1-Asn 239) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to inhibit TRAIL-mediated cytotoxicity using L-929 mouse fibroblast cells treated with TRAIL.

The ED₅₀ for this effect is typically 50-200 ng/ml in the presence of 20 ng/ml Recombinant Human TRAIL/TNFSF10.

Purity

> 92 % 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

Ala 109

Molecular Mass

The secreted recombinant human TNFRSF10A consists of 142 amino acids and has a predicted molecular mass of 15.7 kDa. As a result of glycosylation, rh TNFRSF10A migrates as an approximately 24 kDa band 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

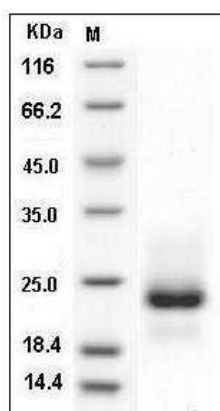
Storage

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



Human TRAIL R1 / CD261 / TNFRSF10A Protein (His Tag) SDS-PAGE