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

Catalog Number: 504581

General Information

Protein Construction

A DNA sequence encoding the human TNFRSF10A (NP_003835.2) extracellular domain (Met 1-Asn 239) was fused with the Fc region of human IgG1 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 ED_{50} for this effect is typically 2-10 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℃

Predicted N terminal

Ala 109

Molecular Mass

The recombinant human TNFRSF10A/Fc is a disulfide-linked homodimer. The reduced monomer consists of 372 amino acids and has a predicted molecular mass of 41.3 kDa. As a result of glycosylation, rh TNFRSF10A/Fc monomer migrates as an approximately 47 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

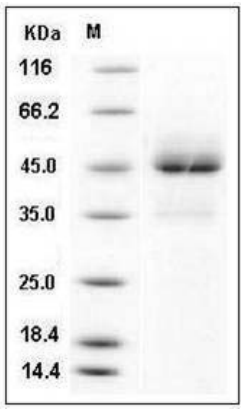
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 (Fc Tag) SDS-PAGE