# 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  $ED_{50}$  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**

 $< 1.0 \; \text{EU}$  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 $^{\circ}$ 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**

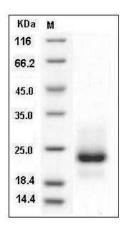
## **Storage**

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