Human TNFSF10/TRAIL/APO-2L (CD253) recombinant protein

Catalog Number: 501935

General Information

Gene Name Synonym

Apo-2 ligand; TNF-related apoptosis-inducing ligand

Protein Construction

A DNA sequence encoding the human TNFSF10 (NP_003801.1) (Val 114-Gly 281) with an initial Met was expressed and purified.

Organism

Human

Expression Host

E. coli

QC Testing

Activity

1. Measured in a cytotoxicity assay using L929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED_{50} for this effect is typically 2-10 ng/ml.
2. Measured in a cytotoxicity assay using NCI-H460 cells in the presence of the metabolic inhibitor actinomycin D. The ED_{50} for this effect is typically 0.2-0.8 ng/ml.

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70℃

Predicted N terminal

Met

Molecular Mass

The recombinant human TNFSF10 consisting of 169 amino acids and has a calculated molecular mass of 19.6 kDa. It migrates as an approximately 19 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 40mM Tris, 0.3 M NaCl, pH 7.0
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

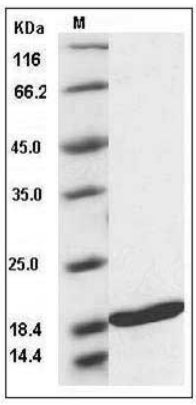
Storage

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 TNFSF10 / TRAIL / APO-2L / CD253 Protein SDS-PAGE