Human TRAIL R2 / CD262 / TNFRSF10B
Protein (His Tag)

Catalog Number: 10465-H08H

General Information

Gene Name Synonym:
CD262; DR5; KILLER; KILLER/DR5; TRAIL-R2; TRAILR2; TRICK2; TRICK2A; TRICK2B; TRICKB; ZTNFR9

Protein Construction:
A DNA sequence encoding the human TNFRSF10B (NP_003833.3) extracellular domain (Met 1-Glu 182) was expressed, fused with a polyhistidine tag at the C-terminus.

Source: Human
Expression Host: HEK293 Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE

Bio Activity:
Measured by its binding ability in a functional ELISA. Immobilized human TNFRSF10B at 10 μg/ml (100 μl/well) can bind biotinylated TNFSF10 with a linear range of 0.625-20 ng/ml.

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: Ile 56

Molecular Mass:
The recombinant human TNFRSF10B consists of 138 amino acids and has a predicted molecular mass of 15.8 kDa. As a result of glycosylation, the apparent molecular mass of rhTNFRSF10B is approxiamtely 20-22 kDa in SDS-PAGE under reducing conditions.

Formulation:
Lyophilized from sterile PBS, pH 7.4
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:
Detailed reconstitution instructions are sent along with the products.

References