

Human TNFRSF12A/FN14/TWEAKR (Fc Tag) recombinant protein



Catalog Number: 502881

General Information

Gene Name Synonym

Fibroblast growth factor-inducible immediate-early response protein 14; Tweak-receptor

Protein Construction

A DNA sequence encoding the human TNFRSF12A isoform 1 (Q9NP84-1) extracellular domain (Glu 28-Trp 79) was fused with the Fc region of human IgG1 at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Immobilized Cynomolgus mFc-TNFSF12 (Cat:502405) at 10 µg/ml (100 µl/well) can bind human Fc-TNFRSF12A, The EC₅₀ of human Fc-TNFRSF12A is 0.07-0.15 µg/ml.

Purity

> 95 % 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

Glu

Molecular Mass

The recombinant human TNFRSF12A/Fc chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 313 amino acids and has a calculated molecular mass of 34 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhTNFRSF12A/Fc monomer is approximately 37 kDa.

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

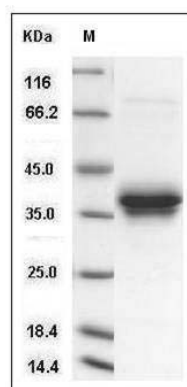
Storage

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 TNFRSF12A / FN14 / TWEAKR Protein (Fc Tag) SDS-PAGE