

Human TNFRSF17/BCMA[?]CD269[?] (His & Fc Tag) recombinant protein



Catalog Number: 504079

General Information

Gene Name Synonym

B-cell maturation protein

Protein Construction

A DNA sequence encoding the extracellular domain of human TNFRSF17 (NP_001183.2) (Met 1-Ala 54) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus and a signal peptide at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA. Immobilized recombinant human BAFF at 1 µg/ml (100 µl/well) can bind human TNFRSF17. The EC₅₀ of human TNFRSF17 is 0.07 µg/ml.

Purity

> 85 % 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

Met 1

Molecular Mass

The recombinant human TNFRSF17/Fc is a disulfide-linked homodimer. The reduced monomer comprises 302 amino acids after removal of the signal peptide and has a predicted molecular mass of 34 kDa. As a result of glycosylation, the apparent molecular mass of rh TNFRSF17/Fc monomer is approximately 40 kDa 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

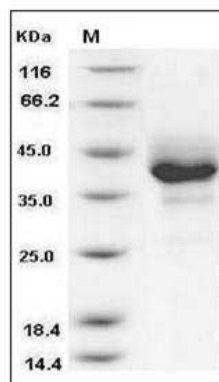
Storage

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 TNFRSF17 / BCMA / CD269 Protein (His & Fc Tag) SDS-PAGE