# 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  $\mu$ g/ml (100  $\mu$ l/well) can bind human TNFRSF17. The EC<sub>50</sub> of human TNFRSF17 is 0.07  $\mu$ g/ml.

# **Purity**

> 85 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 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°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**

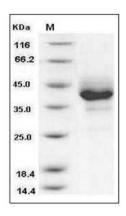
# Storage

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