

Mouse TNFRSF17/BCMA?CD269? (His & Fc Tag) recombinant protein



Catalog Number: 501672

General Information

Gene Name Synonym

B-cell maturation protein

Protein Construction

A DNA sequence encoding the extracellular domain of mouse BCMA (NP_035738.1) (Met 1-Thr 49) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA. Immobilized human BAFF (Cat:503353) at 10 µg/ml (100 µl/well) can bind mouse BCMA-Fch. The EC₅₀ of mouse BCMA-Fch is 0.02-0.06 µg/mL.

Purity

> 90 % 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 20

Molecular Mass

The recombinant mouse BCMA/Fc chimera is a disulfide-linked homodimer. The reduced monomer consists of 297 amino acids and has a predicted molecular mass of 33.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm BCMA/Fc monomer is approximately 35-48 kDa due to glycosylation.

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

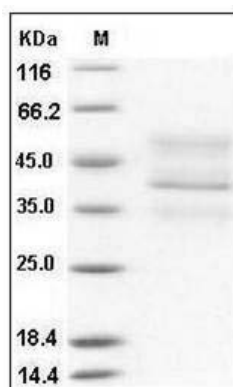
Storage

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



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