

Mouse BAFFR / TNFRSF13C / CD268 (Fc Tag) recombinant protein



Catalog Number: 500849

General Information

Gene Name Synonym

B-cell maturation defect; B-cell-activating factor receptor; BAFF receptor; BLyS receptor 3

Protein Construction

A DNA sequence encoding the mouse BAFFR (Q9D8D0-1) extracellular domain (Met 1-Ala 71) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Immobilized human BAFF (Cat:503353) at 10 µg/ml (100 µl/well) can bind mouse BAFFR-Fc, The EC₅₀ of mouse BAFFR-Fc is 0.14-0.32 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

Ser 10

Molecular Mass

The secreted recombinant mouse BAFFR/Fc is a disulfide-linked homodimeric protein. The reduced monomer comprises 303 amino acids and has a predicted molecular mass of 33.7 kDa. As a result of glycosylation, the apparent molecular mass of rm BAFFR/Fc monomer is approximately 40-45 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

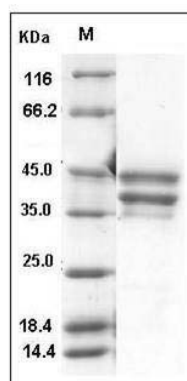
Storage

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



Mouse BAFFR / TNFRSF13C / CD268 Protein (Fc Tag) SDS-PAGE