

Rat BTLA (Fc Tag) recombinant protein



Catalog Number: 500247

General Information

Gene Name Synonym

B- and T-lymphocyte-associated protein

Protein Construction

A DNA sequence encoding the rat Btla (NP_998795.1) (Ala6-Tyr183) was expressed with the Fc region of mouse IgG1 at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized rat BTLA-mFc at 10 µg/mL (100 µL/well) can bind mouse HVEM-Fch (Cat:503760). The EC₅₀ of mouse EFNA5-Fc (Cat:502960) is 6.2-14.4 ng/mL.

Purity

> 90 % as determined by SDS-PAGE.

Endotoxin

<1.0 EU per µg 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

Lys 30

Molecular Mass

The recombinant rat Btla consists 384 amino acids and predicts a molecular mass of 43.4 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

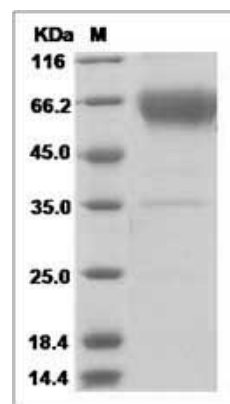
Storage

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



Rat BTLA Protein (Fc Tag) SDS-PAGE