

Rat IL-25 (Fc Tag) recombinant protein



Catalog Number: 500018

General Information

Protein Construction

A DNA sequence encoding the rat IL25 (D3ZLB1) (Val17-Ala169) was expressed, fused with Fc region of human IgG1 at the N-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

Immobilized mouse IL17BR-His (Cat:502256) at 10 µg/mL (100 µl/well) can bind rat Fc-IL25 (Cat:500018). The EC₅₀ of rat Fc-IL25 is 0.12-0.27 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

Glu

Molecular Mass

The recombinant rat IL25 comprises 413 amino acids and predicts a molecular mass of 46.1 kDa. The apparent molecular mass of the recombinant protein is approximately 49 kDa in SDS-PAGE under reducing conditions 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

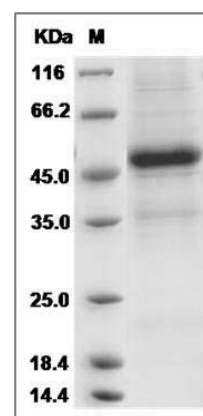
Storage

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



Rat Interleukin 25 / IL25 / IL17E Protein (Fc Tag)
SDS-PAGE