

Mouse IL-17R/IL-17RA ?CD217? (Fc Tag) recombinant protein



Catalog Number: 503529

General Information

Protein Construction

A DNA sequence encoding the mouse IL17RA (Q60943)(Met1-Trp322) was expressed with the 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 mouse IL17A (Cat:503385) at 10 µg/ml (100 µl/well) can bind mouse IL17RA-Fc (cat: 503529). The EC₅₀ of mouse IL17RA-Fc (cat: 503529) is 0.28-0.64 µg/ml.

Purity

(14.8+80.1) % 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 32

Molecular Mass

The recombinant mouse IL17RA/Fc is a disulfide-linked homodimer. The reduced monomer comprises 532 amino acids and has a predicted molecular mass of 60.3 kDa. The apparent molecular mass of the protein is approximately 67-77 and 118 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

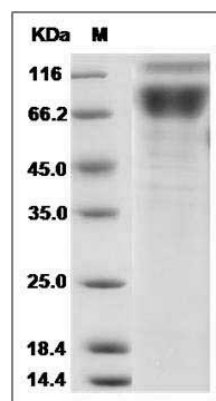
Storage

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



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SDS-PAGE