

General Information

Gene Name Synonym

Cytotoxic T-lymphocyte-associated antigen 8

Protein Construction

A DNA sequence encoding the mature form of mouse IL17a (Q62386) (Thr 22-Ala158) was expressed and purified.

Organism

Mouse

Expression Host

E. coli

QC Testing

Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized recombinant mouse IL17a (Cat:503385) at 10 µg/mL (100 µl/well) can bind human IL17Ra-Fc2h (Cat:503306) with a linear range of 16-500 ng/mL.

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant mouse IL17a consists of 138 amino acids and predicts a molecular mass of 15.5 KDa. It migrates as an approximately 16 KDa band 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

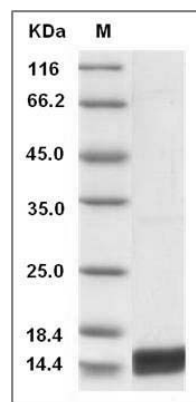
Storage

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 IL17 / IL17A Protein SDS-PAGE