

General Information

Gene Name Synonym

Cytotoxic T-lymphocyte-associated antigen 8

Protein Construction

A DNA sequence encoding the mature form of human IL17A (Q16552) (Ile20-Ala155) was expressed, with a N-terminal Met.

Organism

Human

Expression Host

E. coli

QC Testing

Activity

Measured by its ability to induce IL-6 secretion by HFF human foreskin fibroblast cells. The ED₅₀ for this effect is typically 15-75 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 human IL17A consists of 137 amino acids and predicts a molecular mass of 15.7 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

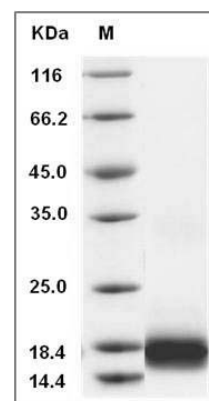
Storage

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



Human IL17 / IL17A Protein SDS-PAGE