

Human IL17 / IL17a (His Tag) recombinant protein



Catalog Number: 503515

General Information

Gene Name Synonym:

Cytotoxic T-lymphocyte-associated antigen 8

Protein Construction:

A DNA sequence encoding the mature form of human IL17A (Q16552) (Gly24-Ala155) was expressed, with a polyhistidine tag at the N-terminus.

Source: Human

Expression Host: Baculovirus-Insect Cells

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 10-40 ng/mL.

Purity:

> 98 % 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:

His

Molecular Mass:

The recombinant human human IL17A consists of 152 amino acids and predicts a molecular mass of 17.3 KDa. It migrates as an approximately 19 KDa band in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile 20mM Tris, 500mM NaCl, 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

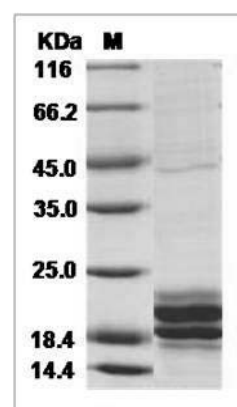
Storage:

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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