

# 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.

### Organism

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 ED<sub>50</sub> 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

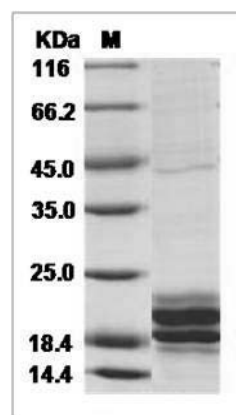
### Storage

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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