

General Information

Gene Name Synonym

Cytotoxic T-lymphocyte-associated antigen 8

Protein Construction

A DNA sequence encoding the human IL17A (NP_002181.1) (Met 1 - Ala 155) was expressed, constructed the plasmid 1; the human IL17F (NP_443104.1) (Met 1 - Gln 163) was expressed, constructed the plasmid 2. The two plasmids were co-expressed and the heterodimer was purified.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 95 % 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

Gly24 & Arg31

Molecular Mass

The recombinant heterodimer of human IL17A & IL17F comprises 265 (132+133) amino acids and has a calculated molecular mass of 30 (15.1+14.9) kDa.

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

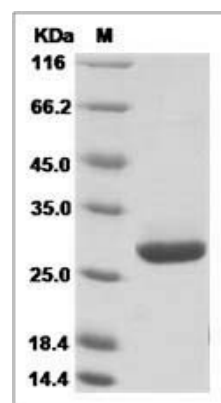
Storage

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 IL17A & IL17F Protein