

Human IL17A & IL17F Heterodimer Protein (His Tag)

Catalog Number: CT047-H08H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

CTLA8; IL-17; IL-17A; IL17

Protein Construction:

A DNA sequence encoding the human IL17A (NP_002181.1) (Met1-Ala155) and the mature form of human IL17F (NP_443104.1) (Arg31-Gln163) linked by a polypeptide linker was expressed with a polyhistidine tag at the C-terminus.

Source: Human

Expression Host: HEK293 Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE.

Bio Activity:

1.Measured by its binding ability in a functional ELISA. 2.Measured by its ability to induce IL-6 secretion by NIH3T3 mouse embryonic fibroblast cells in the presense of 20 ng/mL TNF α . The ED₅₀ for this effect is 0.8-4 ng/mL.

Endotoxin:

< 1.0 EU per μ g 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: Gly 24

Molecular Mass:

The recombinant human IL17A & IL17F consists 280 amino acids and predicts a molecular mass of 31 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

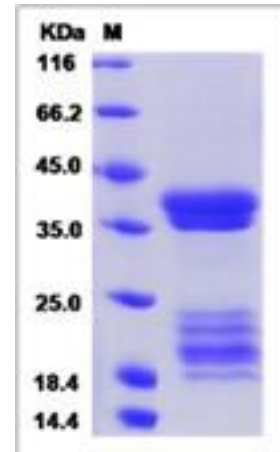
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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