

Recombinant Human IL-17A&IL-17F Protein

Catalog No.: RP02627

Sequence Information

Species **Gene ID**
Human 3605&112744

Swiss Prot **Tags**
Q16552-1(IL-17A)&Q96PD4 (IL-17F) C-His

Synonyms

IL-17A, Interleukin-17A, CTLA-8, IL-17, IL-17F, IL24, ML-1, Interleukin-17F

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW **Observed MW**
15.1 kDa (IL-17A), 15.7 kDa (IL-17F) 16 kDa (IL-17A), 27 kDa (IL-17F)

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Interleukin-17A (IL-17A), also known as CTLA-8, is a 15-20 kDa glycosylated cytokine that plays an important role in anti-microbial and chronic inflammation. The six IL-17 cytokines (IL-17A-F) are encoded by separate genes but adopt a conserved cystine knot fold. IL-17A is a ligand for IL17RA and IL17RC. The heterodimer formed by IL17A and IL17F is a ligand for the heterodimeric complex formed by IL17RA and IL17RC. Involved in inducing stromal cells to produce proinflammatory and hematopoietic cytokines.

Basic Information

Description

Recombinant Human IL-17A&IL-17F Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly24-Ala155)&(Arg31-Gln163) of Human IL-17A&IL-17F (Accession #) fused with His tag at the C-terminal.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

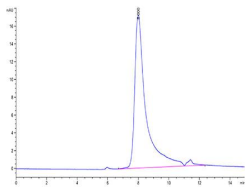
Contact

☎ | 400-999-6126

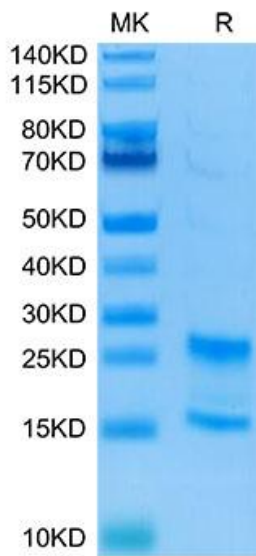
✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

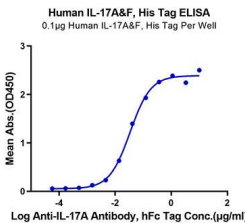
Validation Data



The purity of Human IL-17A&F is greater than 95% as determined by SEC-HPLC.



Recombinant Human IL-17A&IL-17F Protein was determined by Tris-Bis PAGE under reducing conditions.



Immobilized Human IL-17A&F, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-IL-17A Antibody, hFc Tag with the EC₅₀ of 34.0ng/ml determined by ELISA.