Biotinylated Recombinant Human IL-17A/CTLA-8 Protein

Catalog No.: RP02410B

Sequence Information

Species
Human

Gene ID
3605

Swiss Prot
Q16552-1

Tags
C-His&Avi

Synonyms
IL17A, CTLA-8, CTLA8, IL-17, IL-17A, IL17, interleukin-17A,CTLA-8, CTLA8,IL-17,IL-17A,IL17

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by Tris-Bis PAGE.

Calculated MW
18.2 kDa

Observed MW
16-30 kDa

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

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

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 stablizer (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
Biotinylated Recombinant Human IL-17A/CTLA-8 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Gly24-Ala155) of Human IL-17A fused with a His and Avi 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℃

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

Contact

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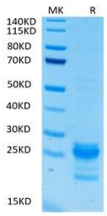
For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Biotinylated Recombinant Human IL-17A/CTLA-8 Protein was determined by Tris-Bis PAGE under reducing conditions.