

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

Catalog No.: RP02410B **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	3605	Q16552-1

Tags

C-His&Avi

Synonyms

IL17A; CTLA-8; CTLA8; IL-17; IL-17A;
IL17;
interleukin-17A;CTLA-8;CTLA8;IL-17;IL-17
A;IL17

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE

Calculated MW	Observed MW
18.2 kDa	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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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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

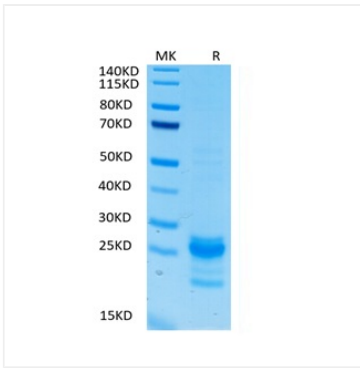
Biotinylated Recombinant Human IL-17A/CTLA-8 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Gly24-Ala155) of Human IL-17A fused with a His and Avi tag at the C-terminal.

Bio-Activity

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Validation Data



Biotinylated Human IL-17A Protein on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.