

Recombinant Human IL17A & IL17F protein, His-Avi-tagged, Biotinylated

Cat. No. IL17A & IL17F-481HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview Biotinylated Recombinant human IL17A&F Protein is expressed from mammalian with a His Tag and Avi Tag at the C-terminal. It contains Gly 24 - Ala 155 (IL-17A) & Arg31-Gln163.

Species Human

Source HEK293

ProteinLength It contains Gly 24 - Ala 155 (IL-17A) & Arg31-Gln163 .

Description 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.

Form Supplied as 0.22um filtered solution in PBS (pH 7.4).

Molecular Mass The protein has a predicted MW of 15.1 kDa (Q16552-1) &17.5 kDa (Q96PD4).Due to glycosylation, the protein migrates to 16KDa&27KDa based on Bis-Tris PAGE result.

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Endotoxin	Less than 0.005EU per ug by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

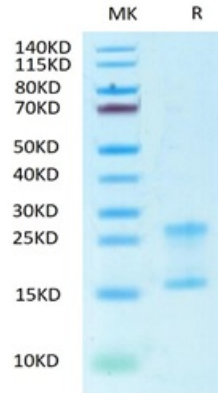
Gene Name	IL17A interleukin 17A [Homo sapiens]
Official Symbol	IL17A; IL17F
Synonyms	IL-17A, Interleukin-17A, CTLA-8, IL-17, IL-17F, IL24, ML-1, Interleukin-17F
Gene ID	3605
mRNA Refseq	NM_002190
Protein Refseq	NP_002181
MIM	603149
UniProt ID	Q16552

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Tris-Bis PAGE



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