

Active Recombinant Human IL17A protein, His-tagged, Low Endotoxin

Cat. No. IL17A-1166H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL17A protein(Q16552)(Gly24-Ala155), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	24-155 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-17A, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human IL-17R alpha, hFc Tag with the EC50 of 12.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 16.22 kDa. Due to glycosylation, the protein migrates to 18-22 kDa and 25-30 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name IL17A interleukin 17A [Homo sapiens]

Official Symbol IL17A

Synonyms IL17A; interleukin 17A; CTLA8, IL17, interleukin 17 (cytotoxic T lymphocyte associated serine esterase 8); interleukin-17A; cytotoxic T lymphocyte associated protein 8; IL 17; IL 17A; CTLA-8; cytotoxic T-lymphocyte-associated antigen 8; cytotoxic T-lymphocyte-associated protein 8; cytotoxic T-lymphocyte-associated serine esterase 8; interleukin 17 (cytotoxic T-lymphocyte-associated serine esterase 8); IL17; CTLA8; IL-17; IL-17A;

Gene ID 3605

mRNA Refseq NM_002190

Protein Refseq NP_002181

MIM 603149

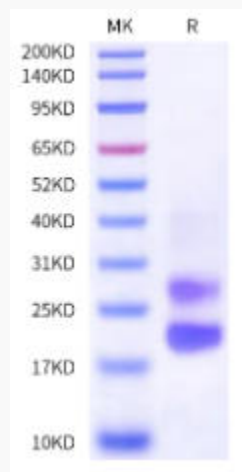
UniProt ID Q16552

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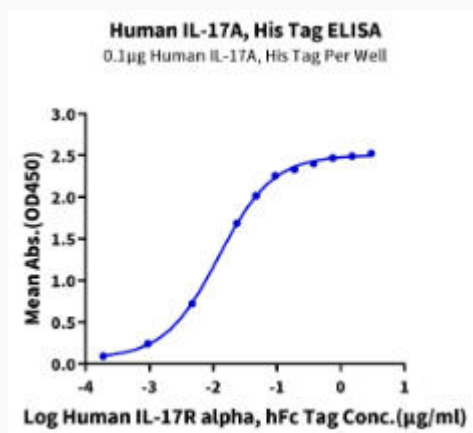
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Bis-Tris PAGE



ELISA Data



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