

Active Recombinant Human IL17A protein, His-tagged

Cat. No. IL17A-1235H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL-17A/CTLA-8 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ile20-Ala155) of human IL-17A (Accession #NP_002181.1) fused with a 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Ile20-Ala155
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	1.Measured by its ability to induce IL6 secretion in Hela cells. The ED50 for this effect is 1-6 ng/mL. 2.Measured by its binding ability in a functional ELISA. Immobilized Recombinant human IL17RA at 2 µg/mL (100 µL/well) can bind Recombinant human IL-17A, the EC50 of human IL-17A is 32.5-130 ng/mL.
Molecular Mass	18-25 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term.

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After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile 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

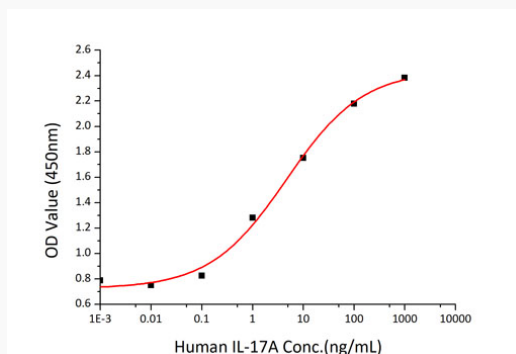
UniProt ID Q16552

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Activity



SDS-PAGE

