

Active Recombinant Human IL17A protein

Cat. No. IL17A-122H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL17A protein(Q16552)(24-155 aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	24-155 aa
Form	Lyophilized from a 0.2 µ filtered concentrated solution in 1 × PBS, 5% Trehalose, 0.02% Tween-20.
Bio-activity	Fully biologically active when compared to standard. The ED50 as determined by inducing IL-6 secretion of murine NIH/3T3 cells is less than 7.5 ng/ml, corresponding to a specific activity of > 1.3 × 10 ⁵ IU/mg.
Molecular Mass	Approximately 31.0 kDa, a disulfide-linked homodimer of two 132 amino acid polypeptide chains.
AASequence	GITIPRNPGC PNPEDKNFPR TVMVNLNIHN RNTNTNPKRS SDYYNRSTSP WNLHRNEDPE RYPSVIWEAK CRHLGCINAD GNV DYHMNSV PIQ QEILVLR REPPHCPNSF RLEKILVSVG CTCVTPIVHH VA
Endotoxin	Less than 1 EU/g of rHuIL-17 as determined by LAL method.
Purity	> 95 % by SDS-PAGE and HPLC analyses.

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Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

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

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UniProt ID	Q16552
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SDS-PAGE

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