

Human IL 17 Recombinant Protein



RPPB0596

Product Information Protein Information

Product SKU:

RPPB0596

Accession:

Q16552

Host:

Escherichia Coli.

Protein description:

Interleukin-17A Human Recombinant produced in E.Coli is a homodimeric, non-glycosylated polypeptide chain containing a total of 264 amino acids (2 chains of 132 aa) and having a molecular mass of 31kDa. The IL-17 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

CTLA-8, IL-17, IL-17A, Cytotoxic T-lymphocyte-associated antigen 8.

Formulation:

Sterile filtered lyophilized (freeze-dried) powder, with 20mM Citrate, 0.1M NaCl, pH4.5.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Interleukin 17 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Interleukin 17A although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL17 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Biological Activity:

The ED₅₀ as determined by the dose-dependent induction of IL-6 in Hs68 cell line was found to be approximately 2ng/ml corresponding to a Specific Activity of 500,000IU/mg.