



Product Datasheet

Product Name	Interleukin-17 Mouse Recombinant
Cata No	CB500280
Source	<i>Escherichia Coli.</i>
Synonyms	CTLA-8, IL-17, IL-17A, Cytotoxic T-lymphocyte-associated antigen 8.

Description

Interleukin-17 Murine Recombinant produced in E.Coli is a homodimeric, non-glycosylated polypeptide chain containing a total of 266 amino acids and having a molecular mass of 29,956 Dalton. The IL-17 is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Biological Activity

The ED50 as determined by the dose-dependant secretion of IL-6 by NIH 3T3 cells was found to be 1.0-10.0 ng/mL.

Purity

Greater than 95.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Analysis by SDS-PAGE.

Formulation

Lyophilized from a concentrated (1mg/ml) solution containing no additives.

Stability

Lyophilized Interleukin-17 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.

Sequence

The sequence of the first five N-terminal amino acids was determined and was found to be, Ala-Ala-Ile-Ile-Pro.