



Product Datasheet

Product Name	Interleukin-13 Mouse Recombinant
Cata No	CB500277
Source	<i>Escherichia Coli.</i>
Synonyms	Interleukin-13, NC300, ALRH, BHR1, P600, IL-13, IL13.

Description

Interleukin-13 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 110 amino acids and having a molecular mass of 12 kDa.

The IL-13 is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Biological Activity

The ED₅₀ range=2-6 ng/ml, determined by the dose dependent proliferation of TF-1 cells.

Purity

Greater than 95% as determined by SDS-PAGE.

Formulation

The protein (1mg/ml) was lyophilized with no additives.

Stability

Lyophilized Interleukin-13 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL13 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 found to be Met-Pro-Val-Pro-Arg.