



Product Datasheet

Product Name	Interleukin-13 Human Recombinant, His Tag
Cata No	CB500391
Source	<i>Escherichia Coli.</i>
Synonyms	NC30, ALRH, BHR1, P600, IL-13, MGC116786, MGC116788, MGC116789

Description

Interleukin-13 is a pleiotropic regulatory cytokine, which shares many of the properties of Interleukin-4. IL-13 is produced primarily by activated T lymphocytes and acts via specific cell surface receptor complexes. Its biological activities include the stimulation of B-cell proliferation and differentiation and the regulation of inflammatory and immune responses.

Interleukin-13 His produced in E.Coli is single, a non-glycosylated, Polypeptide Human Recombinant chain containing 112 amino acids fragment (21-132) having a molecular weight of 12.84 kDa with a 4 kDa amino-terminal hexahistidine tag.

The IL-13 His is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile Filtered clear solution.

Purity

Greater than 95.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

Formulation

Interleukin -13 His-Tag protein is supplied in 50mM Sodium Acetate (pH 4.8) and 50% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Store, frozen at -20°C for longer periods of time.

Please avoid freeze thaw cycles.