



## Interleukin-13, His Tag, human recombinant (rHuIL-13-His)

**Catalog No:** 95021  
**Lot No:** XXXXX  
**Source:** *E. coli*  
**Synonyms:** NC30, ALRH, BHR1, P600, IL-13, MGC116786, MGC116788, MGC116789

### Background

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.

### Description

Interleukin-13 His human recombinant produced in *E. coli* is a single, non-glycosylated, polypeptide chain containing 112 amino acids (21-132) having a molecular weight of 12.84 kDa with a 4 kDa N-terminal hexahistidine tag (total weight of 16.84 kDa). IL-13 His is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile filtered clear solution.

### Formulation

Interleukin -13 His Tag protein is supplied in 25 mM Na-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.

### Purity

Greater than 95.0% as determined by SDS-PAGE.

### Usage

**This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.**