



## Interleukin-12, p35, His Tag, human recombinant (rHuIL-12 p35-His)

**Catalog No:** 95019  
**Lot No:** XXXXX  
**Source:** *E. coli*  
**Synonyms:** NKSF1, CTL maturation factor (TCMF), Cytotoxic lymphocyte maturation factor 35 kDa subunit (CLMF p35), TSF, Edodekin-alpha, IL-12 p35, IL-12A, IL-12 subunit p35, NK cell stimulatory factor chain 1, SGT2, FLJ39002

### Background

Active IL-12 is a p70 disulphide-linked dimer composed of p35 and p40 subunits. The protein is a pleiotropic cytokine produced primarily by antigen presenting cells and has multiple effects on T lymphocytes and natural killer cells in terms of stimulating cytotoxicity, proliferation, production of other cytokines and Th1 subset differentiation.

### Description

Interleukin-12 p35 His human recombinant produced in *E. coli* is single, a non-glycosylated, polypeptide chain containing 197 amino acids (57-253) with an N-terminal hexahistidine tag. IL-12 p35 His is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile filtered clear solution.

### Formulation

Interleukin-12 p35 His Tag is supplied in 1xPBS 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 (a) Analysis by RP-HPLC, (b) Analysis 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.**

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