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## Product Data Sheet

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Product Name: IL 12 p35 Human  
Cat. No.: GP20550  
Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Formulation	Interleukin-12 p35 His-Tag is supplied in 1xPBS and 50% glycerol.		

### Introduction

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.

### 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.

### Background

Interleukin-12 p35 His Human Recombinant produced in E.Coli is single, a non-glycosylated, polypeptide chain containing 197 amino acids fragment (57-253) with an amino-terminal hexahistidine tag. The IL-12 p35 His is purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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