
Product Data Sheet

Product Name: IL 12 p40 Human
Cat. No.: GP20552
Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	NKSF2; CTL maturation factor (TCMF); Cytotoxic lymphocyte maturation factor 40 kDa subunit (CLMF p40); TSF; Edodekin-alpha; IL-12 p40; IL-12B; IL-12 subunit p40; NK cell stimulatory factor chain 2.		
Formulation	Interleukin-12 p40 His 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 p40 His Human Recombinant produced in E.Coli is single, a non-glycosylated, polypeptide chain containing 306 amino acids fragment (23-328) with an amino-terminal hexahistidine tag. The IL-12 p40 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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