
Product Data Sheet

Product Name: IL 6 Human, His
 Cat. No.: GP20516
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	IFN- β 2; B cell differentiation factor; BCDF; BSF-2; HPGF; HSF; MGI-2; B-cell stimulatory factor 2; Interferon beta-2; Hybridoma growth factor; CTL differentiation factor; CDF; IL-6; HGF.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MVPPGEDSKD VAAPHRQPLT SSERIDKQIR YILDGISALR KETCNKSNMC ESSKEALAEN NLNLPKMAEK DGCFQSGFNE ETCLVKIITG LLEFEVYLEY LQNRFESSEE QARAVQMSTK VLIQFLQKKA KNLDAITTPD PTTNASLLTK LQAQNQWLQD MTTHLILRSF KEFLQSSLRA LRQM.		
Formulation	Interleukin-6 His-Tag protein (0.5mg/ml) is supplied in Phosphate buffered saline pH 7.4 and 10% glycerol.		

Introduction

Interleukin-6 is a potent pro-inflammatory cytokine primarily produced by activated T cells and an assortment of other cells including endothelial cells and macrophages. IL-6 affects B and T lymphocytes and has been shown to have a role in host defense, acute phase reactions, immune responses and hematopoiesis.

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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

IL-6 Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 204 amino acids fragment (30-212) and having a total molecular mass of 23.1kDa with a 20 aa N-terminal His tag. The IL-6 His is purified by proprietary

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

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chromatographic techniques.

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