
Product Data Sheet

Product Name: IL 1 alpha Human, His
Cat. No.: GP20440
Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Hematopoietin-1; Lymphocyte-activating factor (LAF); Endogenous Pyrogen (EP); Leukocyte Endogenous Mediator (LEM); Mononuclear Cell Factor (MCF); IL-1 alpha; IL1; IL-1A; IL1F1.		
Formulation	IL-1 alpha His-tag protein is supplied in 1x PBS and 50% glycerol.		

Introduction

Interleukin-1 alpha is a proinflammatory cytokine produced by a wide variety of cell types, including macrophages, osteoblasts, monocytes and hepatocytes. Circulating levels of are normally low and only rise after stimulation by agents such as those produced by inflammation, infection or microbial endotoxins. IL-1 alpha possesses a wide variety of biological activities and exerts its effects by binding to specific cell surface receptors.

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

IL-1A Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 159 amino acids fragment (113-271) with an amino-terminal hexahistidine tag and having a total molecular mass of 22.5kDa. The Interleukin-1 alpha His-tag is purified by proprietary chromatographic techniques.

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

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