
Product Data Sheet

Product Name: IL 18 Mouse
 Cat. No.: GP20608
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Interleukin-18; IL-18; IFN gamma-inducing factor; IFN-gamma-inducing factor; Interleukin-1 gamma; IL-1 gamma.		
Amino Acid Sequence	MNFGR LHCTT AVIRNINDQV LFVDKRQPVF EDMTDIDQSA SEPQTRLIIYMYKDSEVRGL AVTL SVKDSK MSTLSCKNKI ISFEEMDPPE NIDDIQSDLI FFQKRVP GHN KMEFESSLYEGHFLACQKED DAFKLILKKK DENGDKSVMF TLTNLHQS.		
Formulation	The IL 18 protein solution (0.5mg/ml) contains PhosphateBuffered Saline (pH7.4).		

Introduction

IL-18 is a proinflammatory cytokine. This cytokine can induce the IFN-gamma production of T cells. The combination of this cytokine and IL12 has been shown to inhibit IL4 dependent IgE and IgG1 production, and enhance IgG2a production of B cells. IL-18 binding protein (IL18BP) can specifically interact with this cytokine, and thus negatively regulate its biological activity.

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 18 Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 158 amino acids (36-192 a.a.) and having a molecular mass of 18.2kDa. The IL 18 is purified by proprietary chromatographic techniques.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
