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IL 18 Mouse

Catalog #:CYPS-641

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Description: Interleukin-18 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 178 amino acids (36-192 a.a.) and having a molecular mass of 20.4 kDa. The Mouse IL-18 is fused to 20 amino acids His Tag at N-terminus and purified by proprietary chromatographic techniques.

Synonyms: Interferon-gamma-inducing factor, IGIF, IL-1g, IL-18, IL1F4, MGC12320, IFN-gamma-inducing factor, Interleukin-1 gamma, IL-1 gamma, Iboctadekin, Il18.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless liquid formulation.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MNFGRLHCTT AVIRNINDQV LFVDKRQPVF EDMTDIDQSA SEPQTRLIIY MYKDSEVRGL AVTLSVKDSK MSTLSCKNKI ISFEEMDPPE NIDDIQSDLI FFQKRVPGHN KMEFESSLYE GHFLACQKED DAFKLILKKK DENGDKSVMF TLTNLHQS.

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:
The Mouse IL-18 protein solution contains 20mM Tris-HCl pH-8 and 10% glycerol.

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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

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.

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