

## 32-6463: IL 18 Mouse

**Alternative Name :** Î Interleukin-18, IL-18, IFN gamma-inducing factor, IFN-gamma-inducing factor, Interleukin-1 gamma, IL-1 gamma.

### Description

Source: Escherichia Coli.

Sterile Filtered clear solution.

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.

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.

### Product Info

**Amount :** 2 µg / 10 µg

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

**Content :** The IL 18 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH7.4).

**Storage condition :** 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.

**Amino Acid :** MNFGRLHCTT AVIRNINDQV LFVDKRQPVF EDMTDIDQSA SEPQTRLIIY MYKDSEVRGL AVTLSVKDSK  
MSTLSCKNKI ISFEEMDPPE NIDDIQSDLI FFQKRVPNGH KMEFESSLYE GHFLACQKED DAFKLILKKK  
DENGDKSVMF TLTNLHQS.