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# 32-1486: mIL 18 Recombinant Protein

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| **Alternative Name :** | Interferon-gamma-inducing factor,IGIF,IL-1g,IL-18,IL1F4,MGC12320,IFN-gamma-inducing factor,Interleukin-1 gamma,IL-1 gamma,Iboctadekin,Il18. |

## Description

Source : Escherichia Coli. 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 a 20 amino acids His Tag at N-terminus and purified by proprietary chromatographic techniques. 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.

## Product Info

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| **Amount :** | 25 µg |
| **Purification :** | Greater than 90.0% as determined by SDS-PAGE. |
| **Content :** | 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. |
| **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.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles. |
| **Amino Acid :** | MGSSHHHHHH SSGLVPRGSH MNFGRLHCTT AVIRNINDQV LFVDKRQPVF EDMTDIDQSA SEPQTRLIIY MYKDSEVRGL AVTLSVKDSK MSTLSCKNKI ISFEEMDPPE NIDDIQSDLI FFQKRVPGHN KMEFESSLYE GHFLACQKED DAFKLILKKK DENGDKSVMF TLTNLHQS. |

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