

## 32-9093: Recombinant Human Interleukin-18/IL-18

**Alternative Name :** Interleukin-18; Iboctadekin; Interferon gamma-inducing factor; IFN-gamma-inducing factor; Interleukin-1 gamma; IL-1 gamma; GIF; IL-18; IL-1g; IL1F4; MGC12320

### Description

Source : E. coli;

Interleukin-18 (IL-18) is a secreted protein that belongs to the IL-1 family. IL-18 is a proinflammatory cytokine and can be expressed by multiple types of cells, including endothelial and epithelial cells, keratinocytes, gamma delta T cells, and phagocytes. This cytokine can modulate both innate and adaptive. Once binding to IL18R1 and IL18RAP, it can form a signaling ternary complex which activates NF-kappa-B, triggering synthesis of inflammatory mediators. The combination of IL-18 and IL-12 can induce IFNG synthesis from T-helper 1 (Th1) cells and natural killer (NK) cells.

### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4

**Amino Acid :** Recombinant Human IL-18 is produced by E.coli. The target gene encoding Tyr37-Asp193 is expressed.