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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-1family. 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 um 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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.